

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040819.D
 Acq On : 28 Mar 2024 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:20:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	46000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	74331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	66252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	33953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41121	53.164	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.320%			
35) Dibromofluoromethane	5.379	113	28001	50.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.647	98	95273	50.027	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.060%			
62) 4-Bromofluorobenzene	11.079	95	37221	49.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29265	49.162	ug/l	96
3) Chloromethane	1.301	50	25683	42.182	ug/l	97
4) Vinyl Chloride	1.374	62	27394	47.516	ug/l	98
5) Bromomethane	1.599	94	19384	49.876	ug/l	98
6) Chloroethane	1.685	64	16982	41.906	ug/l	96
7) Trichlorofluoromethane	1.886	101	48806	48.382	ug/l	99
8) Diethyl Ether	2.130	74	15772	48.642	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	27613	47.602	ug/l	98
10) Methyl Iodide	2.453	142	33973	44.234	ug/l	98
11) Tert butyl alcohol	2.953	59	32842	265.157	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	25003	46.017	ug/l	99
13) Acrolein	2.233	56	19583	267.169	ug/l	96
14) Allyl chloride	2.666	41	46338	47.586	ug/l	89
15) Acrylonitrile	3.056	53	79603	260.342	ug/l	98
16) Acetone	2.374	43	80075	292.281	ug/l	100
17) Carbon Disulfide	2.514	76	63216	40.505	ug/l	98
18) Methyl Acetate	2.697	43	35602	48.487	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	95338	50.839	ug/l	99
20) Methylene Chloride	2.788	84	27980	46.722	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	26497	46.195	ug/l	98
22) Diisopropyl ether	3.751	45	95523	50.271	ug/l	88
23) Vinyl Acetate	3.715	43	464014	258.344	ug/l	98
24) 1,1-Dichloroethane	3.605	63	52757	48.339	ug/l	98
25) 2-Butanone	4.544	43	116078	270.508	ug/l	99
26) 2,2-Dichloropropane	4.471	77	47027	49.386	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	32070	48.267	ug/l	98
28) Bromochloromethane	4.891	49	25217	50.518	ug/l	99
29) Tetrahydrofuran	4.995	42	74898	262.408	ug/l	98
30) Chloroform	5.086	83	59489	50.913	ug/l	100
31) Cyclohexane	5.471	56	41566	45.230	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	51987	51.763	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37786	46.141	ug/l	98
37) Ethyl Acetate	4.708	43	47461	51.038	ug/l	98
38) Carbon Tetrachloride	5.678	117	45395	49.249	ug/l	94
39) Methylcyclohexane	7.373	83	43919	48.409	ug/l	96
40) Benzene	6.037	78	110156	48.713	ug/l	99

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Manual Integrations
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Reviewed By :John Carlone 03/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	26715	55.556	ug/l	97
42) 1,2-Dichloroethane	6.080	62	49234	53.804	ug/l	97
43) Isopropyl Acetate	6.330	43	77574	53.123	ug/l	98
44) Trichloroethene	7.123	130	28206	52.039	ug/l	97
45) 1,2-Dichloropropane	7.427	63	27462	51.762	ug/l	97
46) Dibromomethane	7.574	93	22422	53.361	ug/l	99
47) Bromodichloromethane	7.818	83	45508	53.003	ug/l	97
48) Methyl methacrylate	7.690	41	39032	58.482	ug/l	95
49) 1,4-Dioxane	7.653	88	12856	1141.335	ug/l #	93
51) 4-Methyl-2-Pentanone	8.568	43	243501	268.887	ug/l	96
52) Toluene	8.714	92	65629	48.663	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	45487	51.213	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	45934	50.005	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	27832	50.676	ug/l	97
56) Ethyl methacrylate	9.110	69	47887	52.164	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	46776	49.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	116314	241.421	ug/l	98
59) 2-Hexanone	9.427	43	190889	272.109	ug/l	96
60) Dibromochloromethane	9.519	129	33705	52.225	ug/l	100
61) 1,2-Dibromoethane	9.610	107	29105	50.185	ug/l	99
64) Tetrachloroethene	9.269	164	23371	47.359	ug/l	96
65) Chlorobenzene	10.079	112	76234	50.733	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	26756	52.325	ug/l	99
67) Ethyl Benzene	10.189	91	137348	51.038	ug/l	96
68) m/p-Xylenes	10.299	106	99255	100.739	ug/l	92
69) o-Xylene	10.640	106	46206	48.817	ug/l	89
70) Styrene	10.653	104	81490	51.430	ug/l	96
71) Bromoform	10.799	173	22673	54.288	ug/l #	99
73) Isopropylbenzene	10.957	105	129801	50.384	ug/l	99
74) N-amyl acetate	10.842	43	67302	53.059	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	45639	52.329	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39215m	53.702	ug/l	
77) Bromobenzene	11.195	156	31553	50.600	ug/l	98
78) n-propylbenzene	11.305	91	166015	52.263	ug/l	97
79) 2-Chlorotoluene	11.360	91	98003	53.469	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	116062	53.739	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15262	52.873	ug/l	97
82) 4-Chlorotoluene	11.451	91	119240	51.868	ug/l	98
83) tert-Butylbenzene	11.713	119	113235	52.275	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	114905	52.862	ug/l	99
85) sec-Butylbenzene	11.890	105	143039	51.928	ug/l	100
86) p-Isopropyltoluene	12.006	119	117653	51.509	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60703	50.975	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	60769	48.051	ug/l	99
89) n-Butylbenzene	12.329	91	118704	51.535	ug/l	96
90) Hexachloroethane	12.536	117	21562	54.212	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	58540	50.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11265	51.730	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	41481	49.887	ug/l	98
94) Hexachlorobutadiene	13.725	225	15612	47.635	ug/l	97
95) Naphthalene	13.774	128	137250	52.174	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	40665	49.778	ug/l	98

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VSTDCCC050

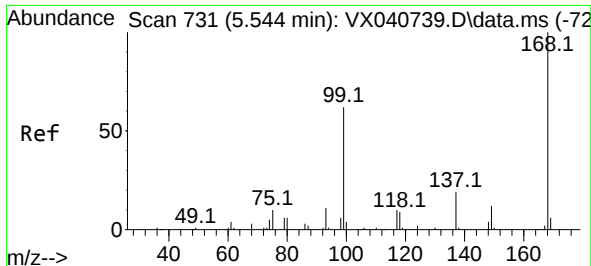
Manual Integrations
APPROVED

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Quant Time: Mar 29 04:20:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

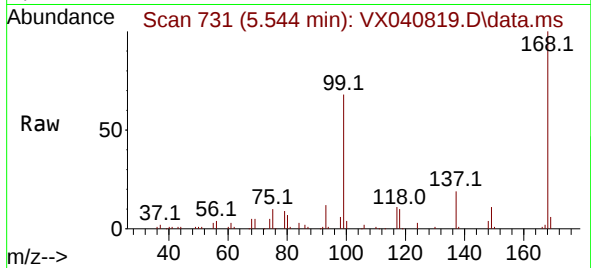
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

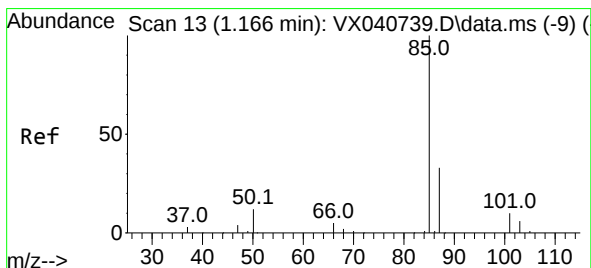
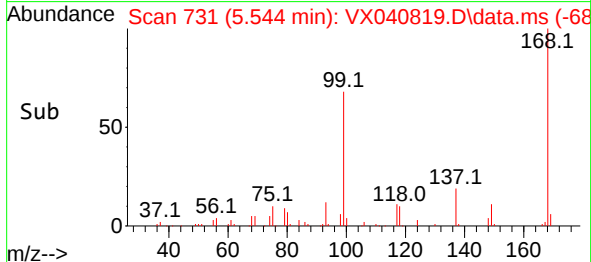
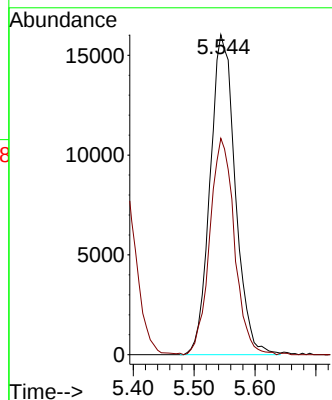
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 46000
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0

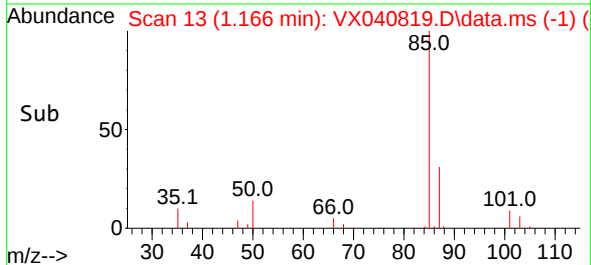
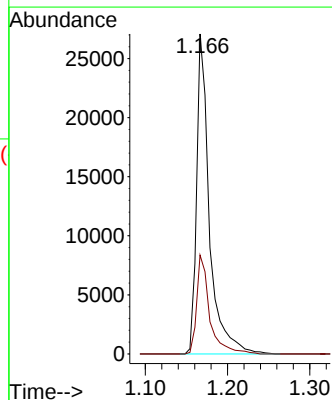
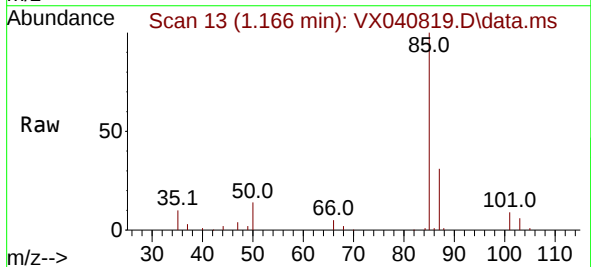
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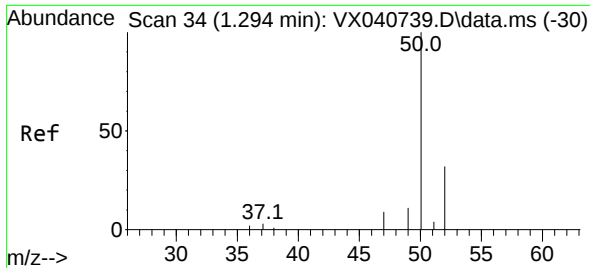
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#2
Dichlorodifluoromethane
Concen: 49.162 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 85 Resp: 29265
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1





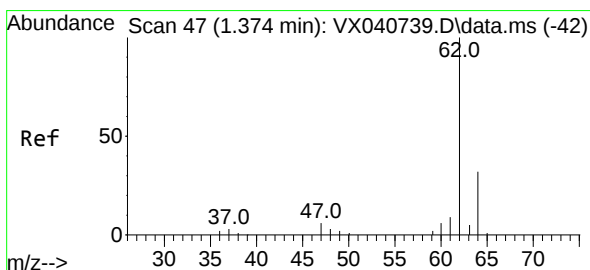
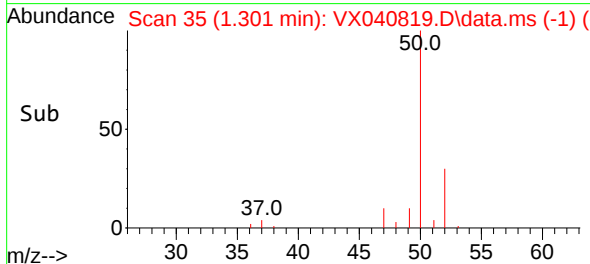
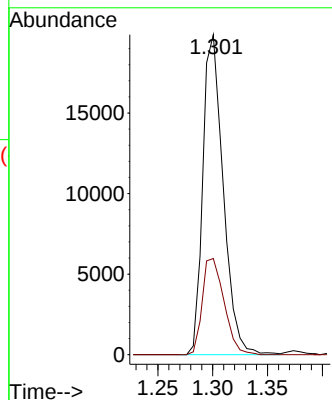
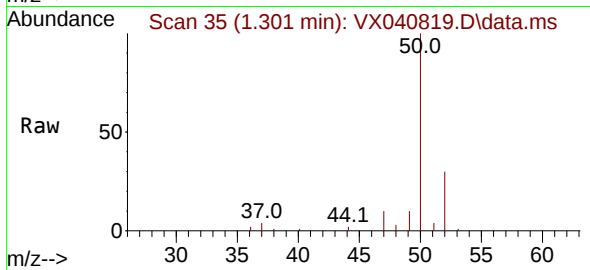
#3
Chloromethane
Concen: 42.182 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 2568
Ion Ratio Lower Upper
50 100
52 30.1 25.5 38.3

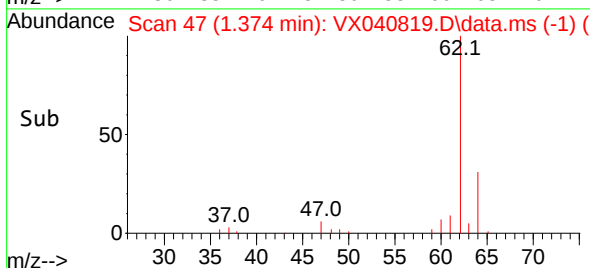
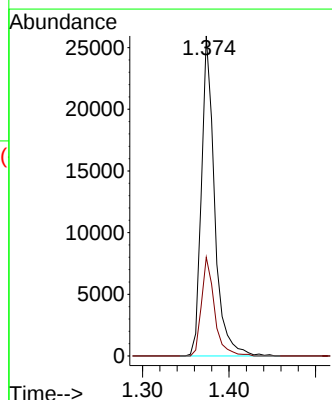
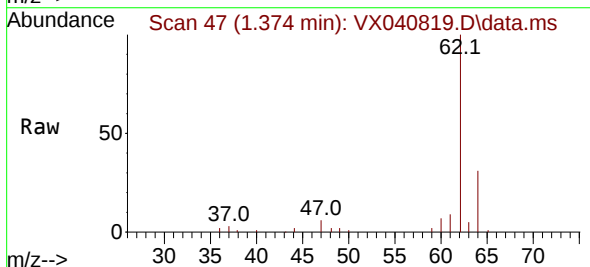
Manual Integrations
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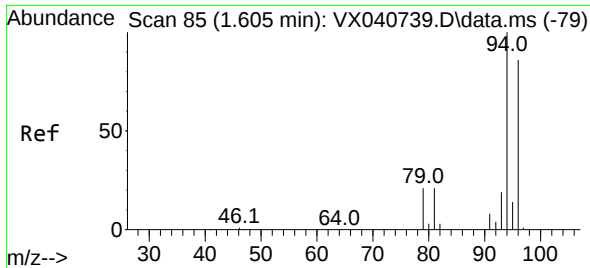
Reviewed By :John Carlone 03/29/2024
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#4
Vinyl Chloride
Concen: 47.516 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 62 Resp: 27394
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





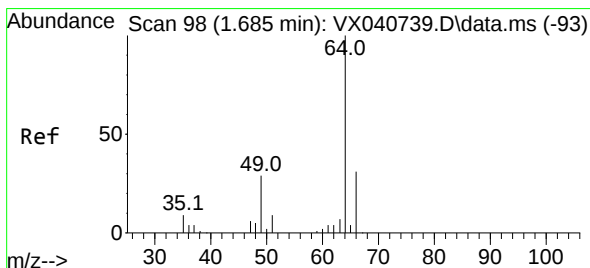
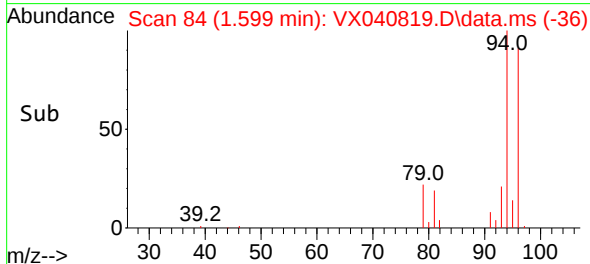
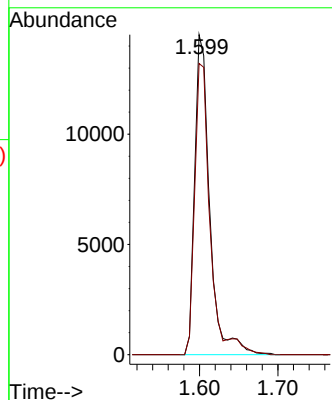
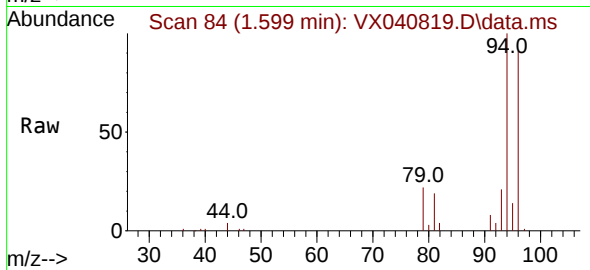
#5
Bromomethane
Concen: 49.876 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 19384
Ion Ratio Lower Upper
94 100
96 91.0 74.6 111.8

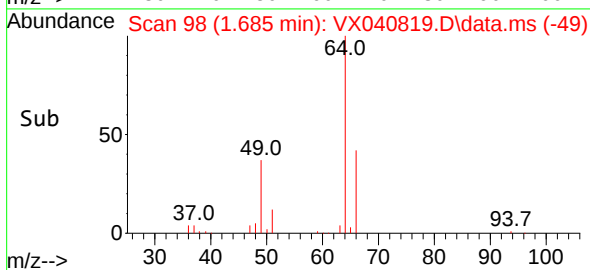
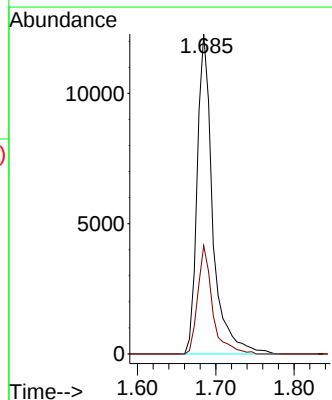
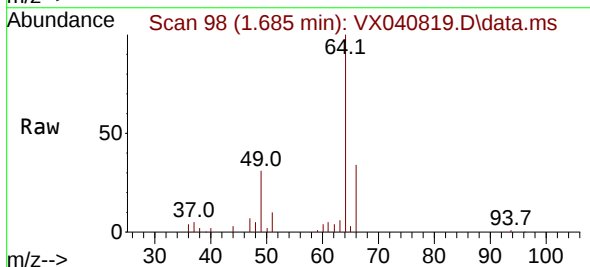
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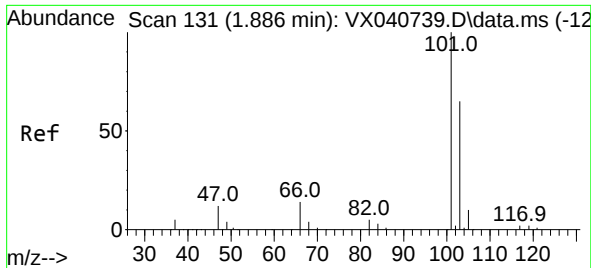
Reviewed By :John Carlone 03/29/2024
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#6
Chloroethane
Concen: 41.906 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

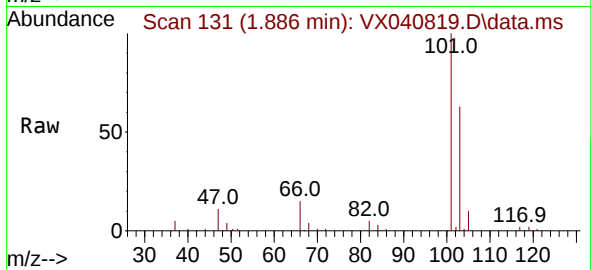
Tgt Ion: 64 Resp: 16982
Ion Ratio Lower Upper
64 100
66 33.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.382 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

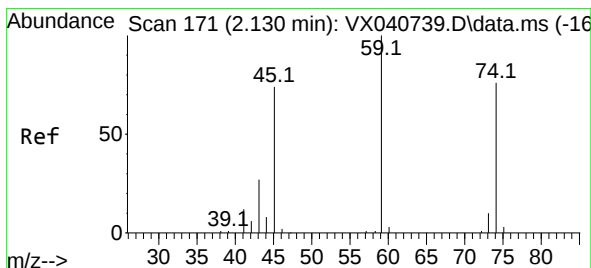
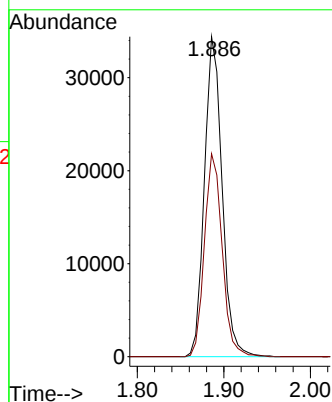
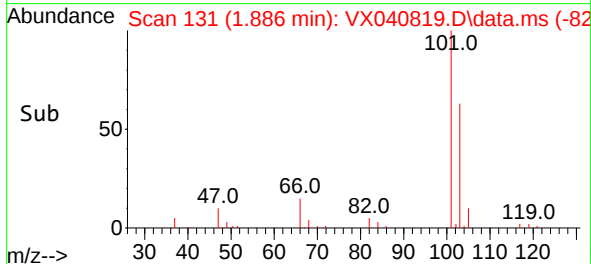
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



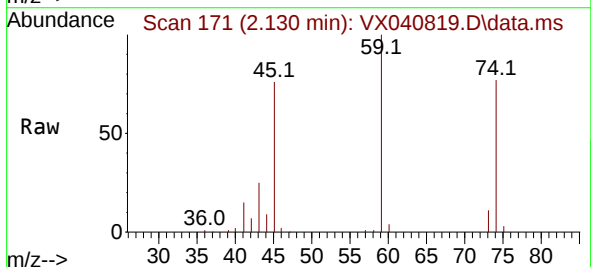
Tgt Ion:101 Resp: 48800
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

Manual Integrations
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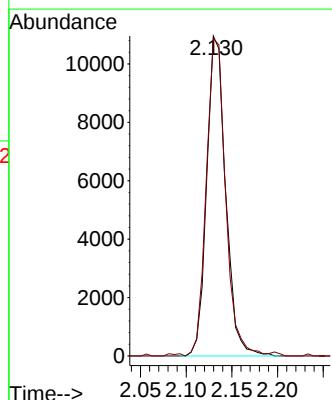
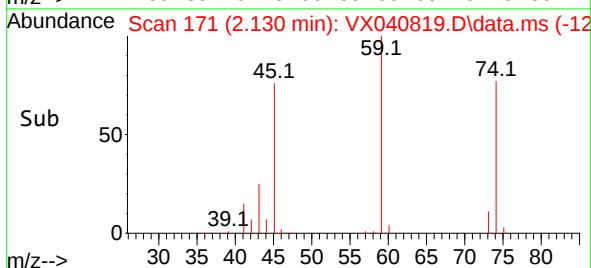
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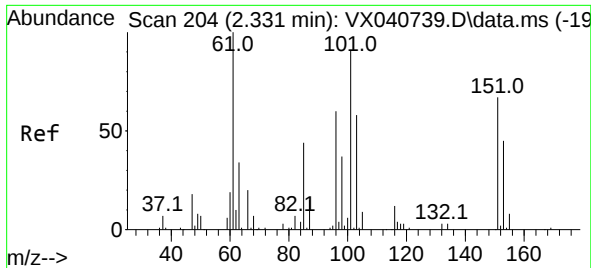


#8
Diethyl Ether
Concen: 48.642 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04



Tgt Ion: 74 Resp: 15772
Ion Ratio Lower Upper
74 100
45 101.2 53.3 159.8





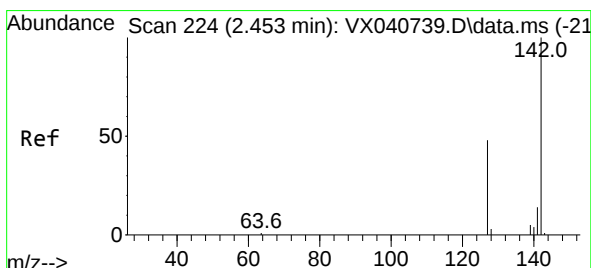
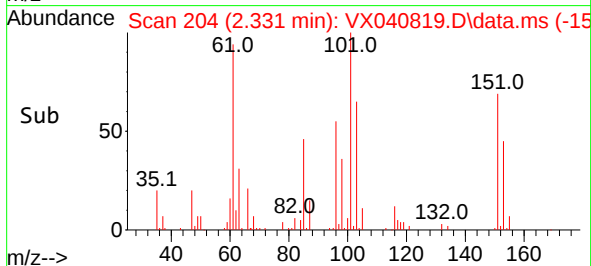
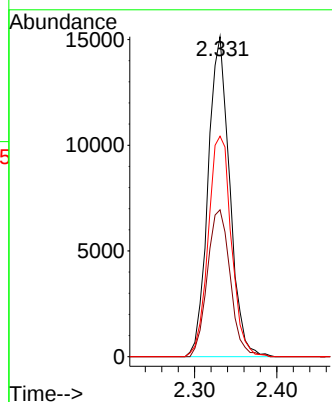
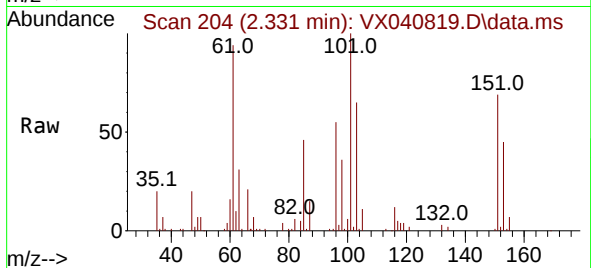
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.602 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 2761
Ion Ratio Lower Upper
101 100
85 48.7 37.0 55.6
151 73.7 58.6 87.8

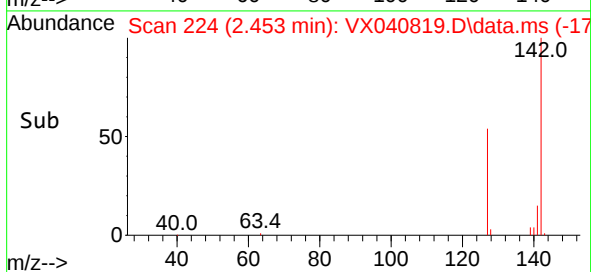
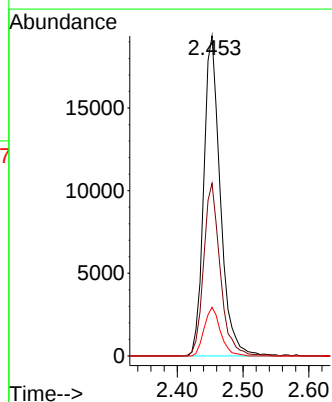
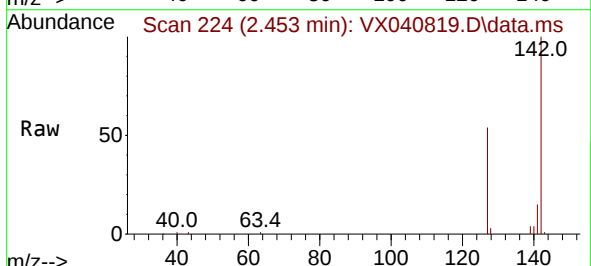
Manual Integrations
APPROVED

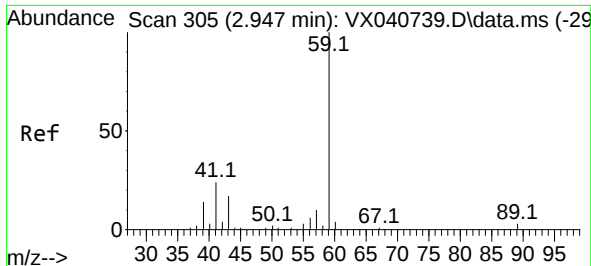
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#10
Methyl Iodide
Concen: 44.234 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion:142 Resp: 33973
Ion Ratio Lower Upper
142 100
127 53.8 41.6 62.4
141 14.9 11.6 17.4





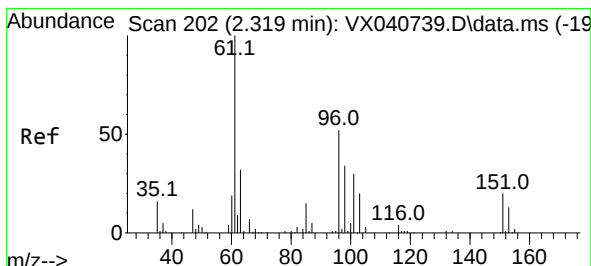
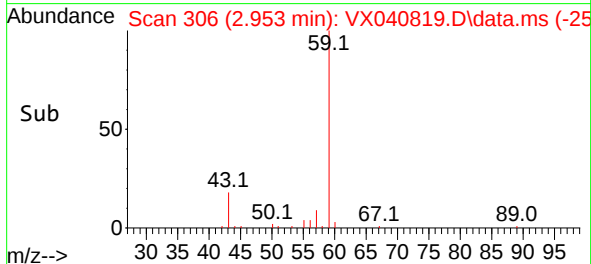
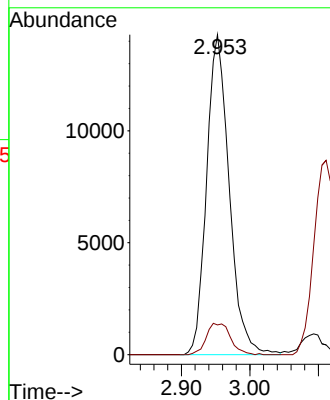
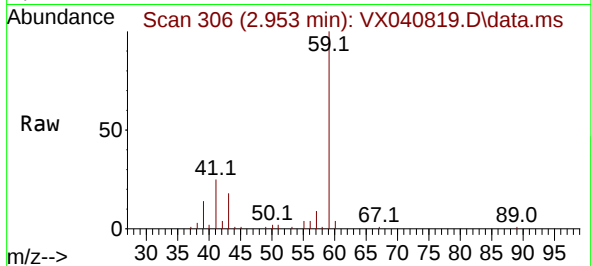
#11
Tert butyl alcohol
Concen: 265.157 ug/l
RT: 2.953 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 3284
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

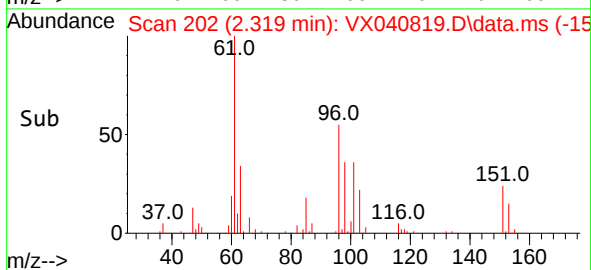
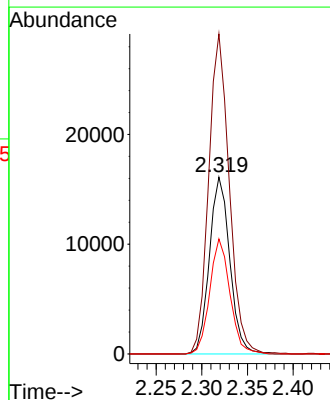
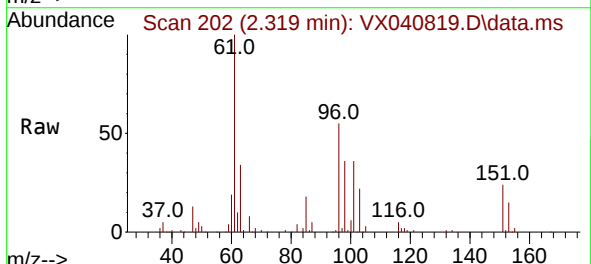
Manual Integrations
APPROVED

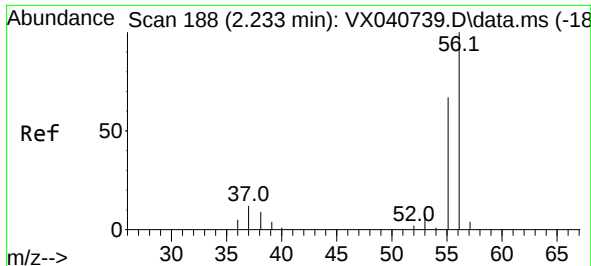
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#12
1,1-Dichloroethene
Concen: 46.017 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

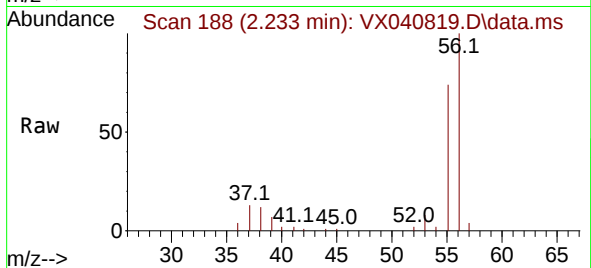
Tgt Ion: 96 Resp: 25003
Ion Ratio Lower Upper
96 100
61 181.1 144.6 216.8
98 65.1 50.4 75.6





#13
Acrolein
Concen: 267.169 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

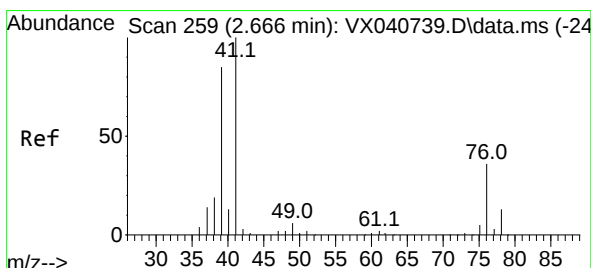
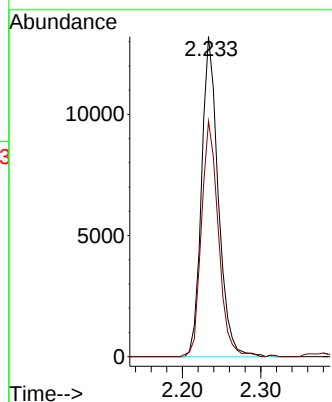
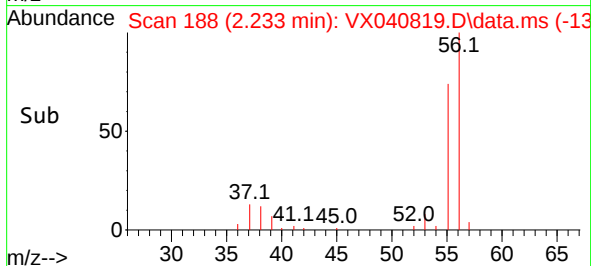
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



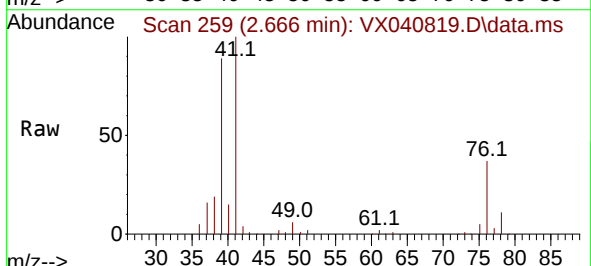
Tgt Ion: 56 Resp: 1958
Ion Ratio Lower Upper
56 100
55 74.6 57.1 85.7

Manual Integrations
APPROVED

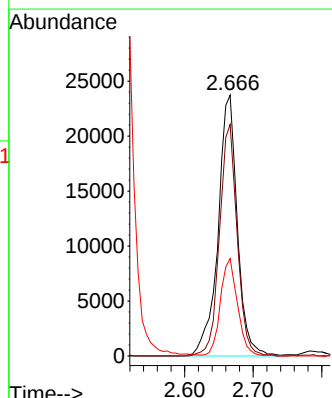
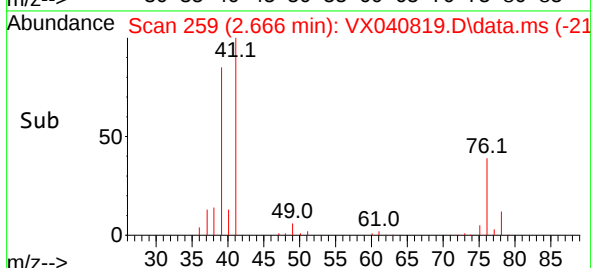
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

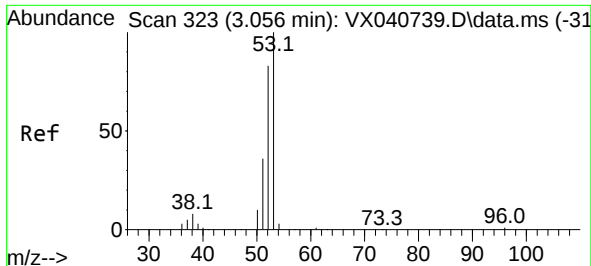


#14
Allyl chloride
Concen: 47.586 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04



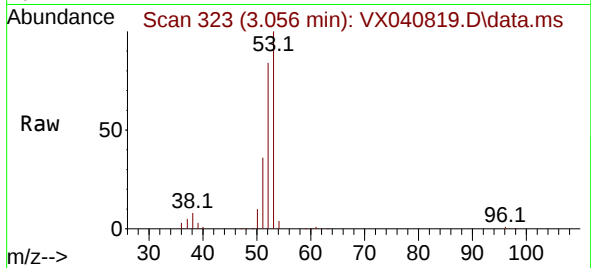
Tgt Ion: 41 Resp: 46338
Ion Ratio Lower Upper
41 100
39 81.0 55.8 83.6
76 33.1 24.3 36.5





#15
Acrylonitrile
Concen: 260.342 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

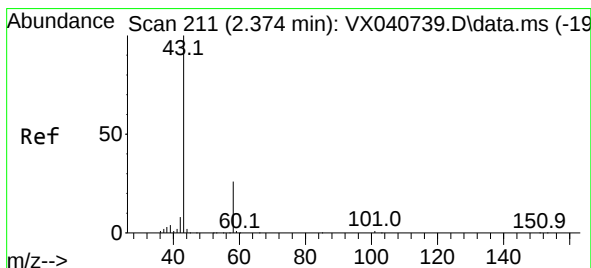
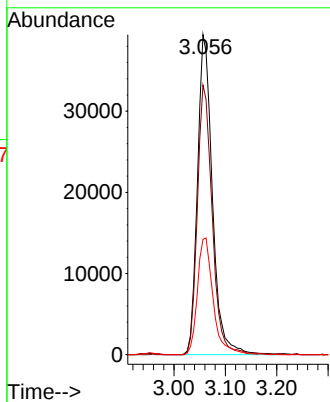
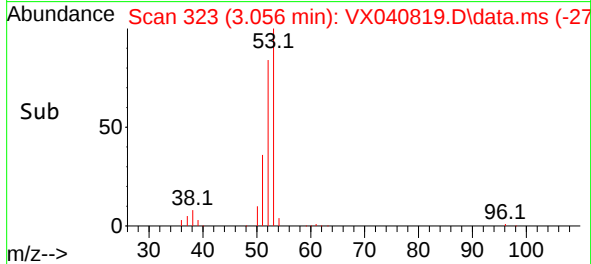
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 7960
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 38.4 29.8 44.6

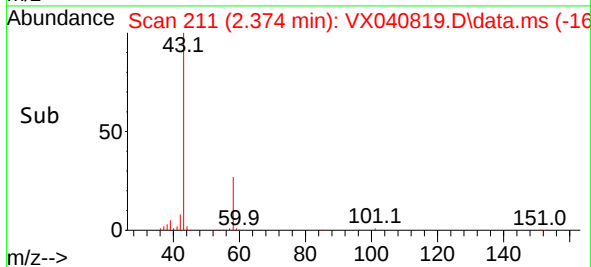
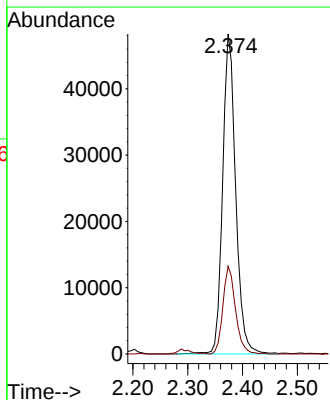
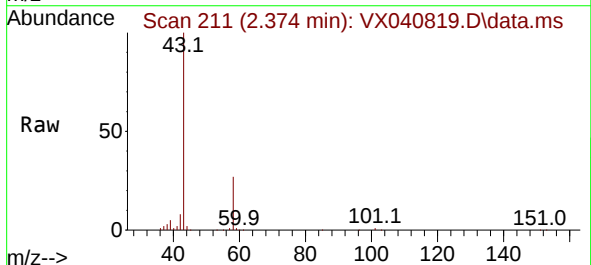
Manual Integrations
APPROVED

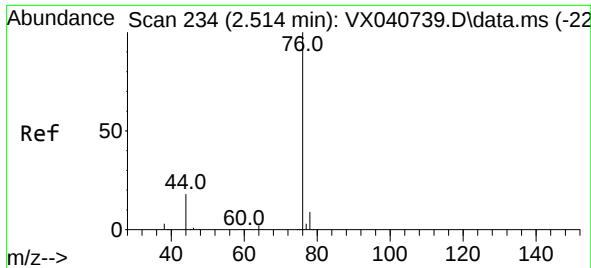
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#16
Acetone
Concen: 292.281 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

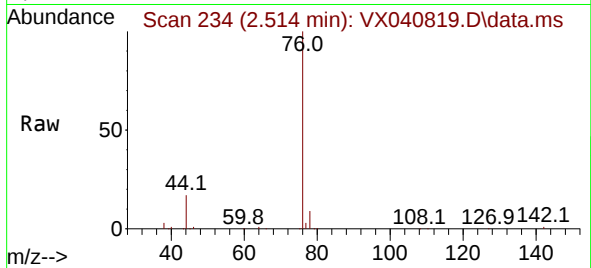
Tgt Ion: 43 Resp: 80075
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9





#17
Carbon Disulfide
Concen: 40.505 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

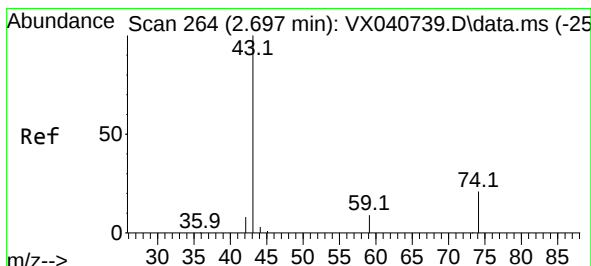
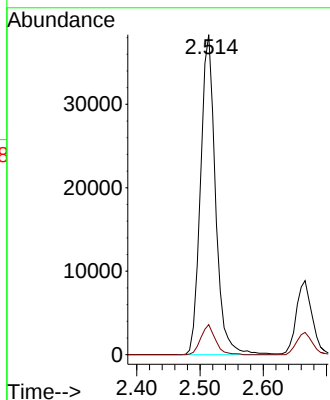
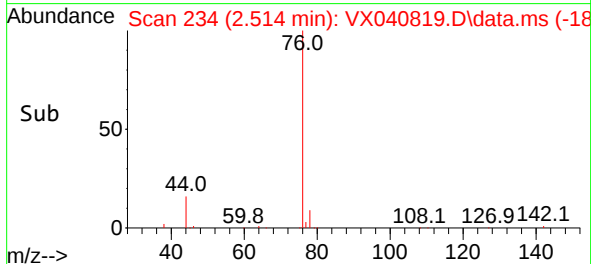
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 63210
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

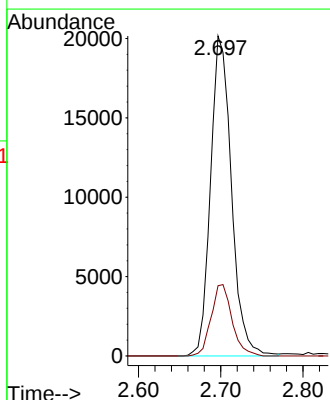
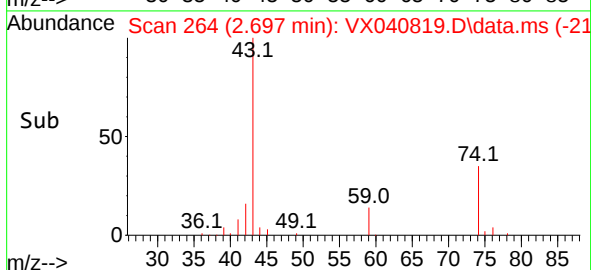
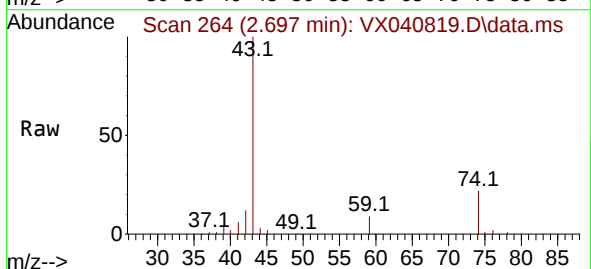
Manual Integrations
APPROVED

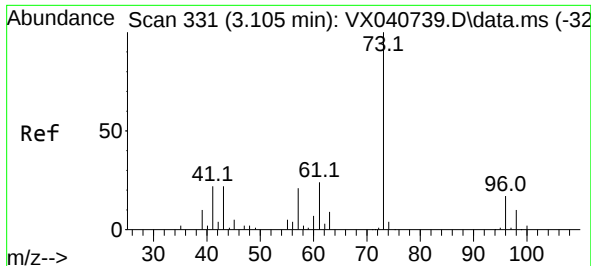
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#18
Methyl Acetate
Concen: 48.487 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 43 Resp: 35602
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8





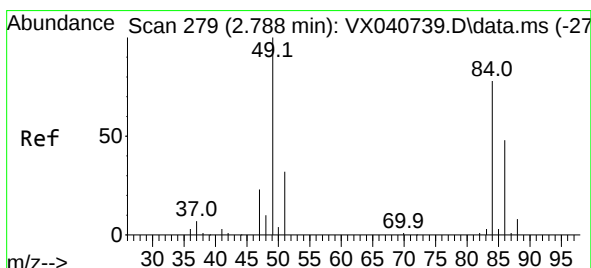
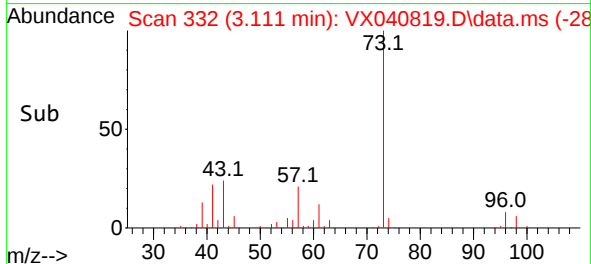
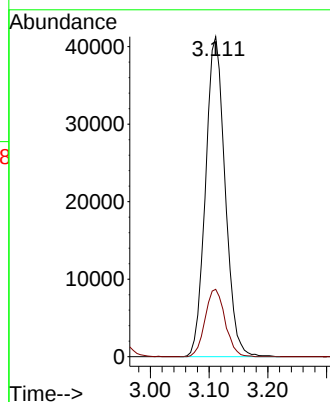
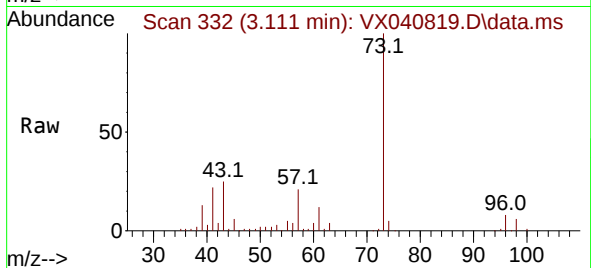
#19
Methyl tert-butyl Ether
Concen: 50.839 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 95338
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

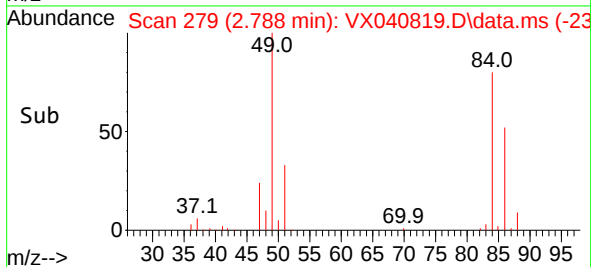
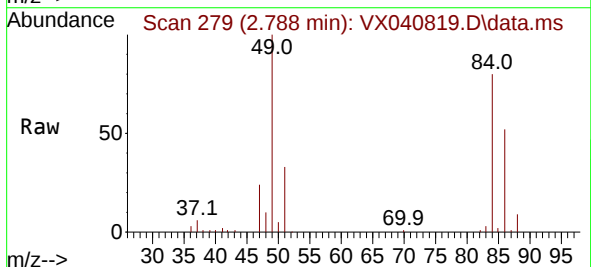
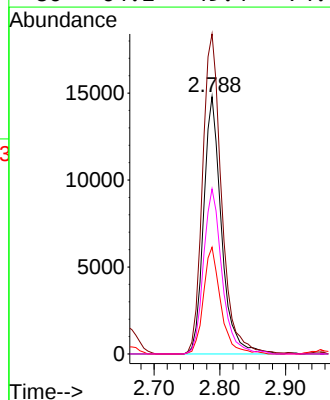
Manual Integrations
APPROVED

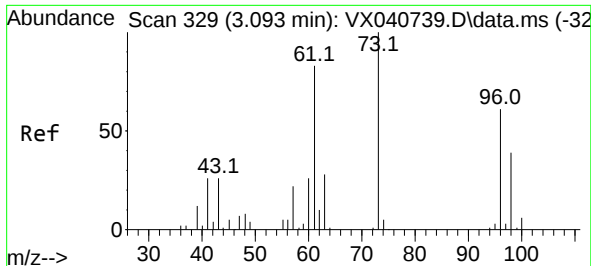
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#20
Methylene Chloride
Concen: 46.722 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

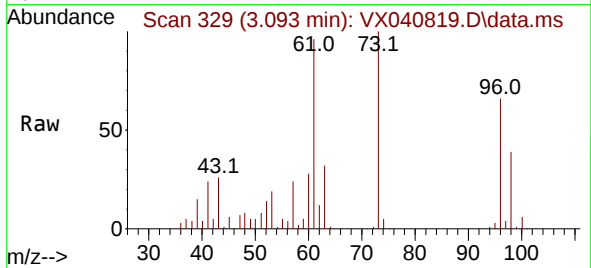
Tgt Ion: 84 Resp: 27980
Ion Ratio Lower Upper
84 100
49 124.4 103.6 155.4
51 41.5 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.195 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

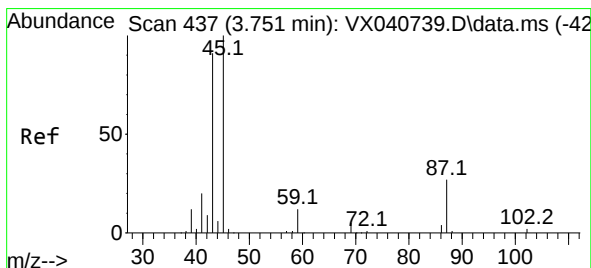
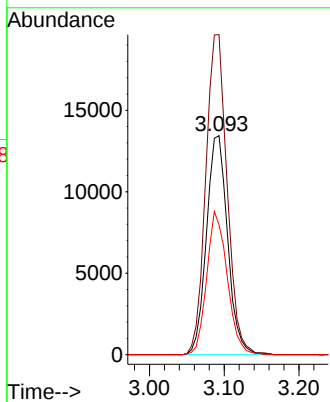
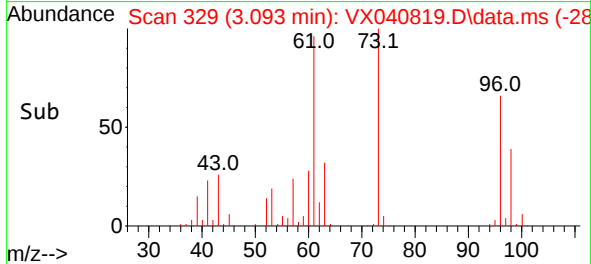
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 2649
Ion Ratio Lower Upper
96 100
61 146.1 119.2 178.8
98 59.3 48.7 73.1

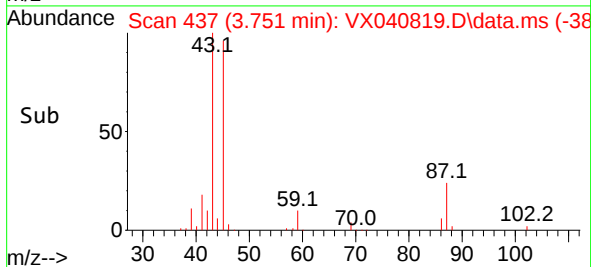
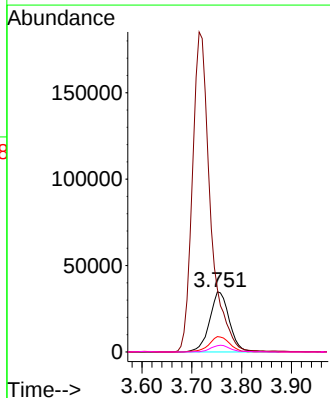
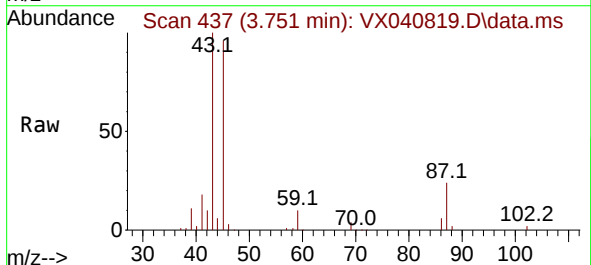
Manual Integrations
APPROVED

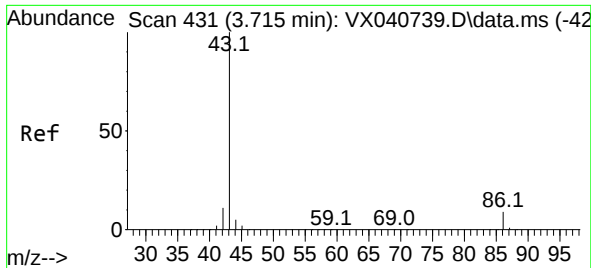
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#22
Diisopropyl ether
Concen: 50.271 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 45 Resp: 95523
Ion Ratio Lower Upper
45 100
43 103.1 69.7 104.5
87 25.6 20.8 31.2
59 10.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 258.344 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040819.D
 Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

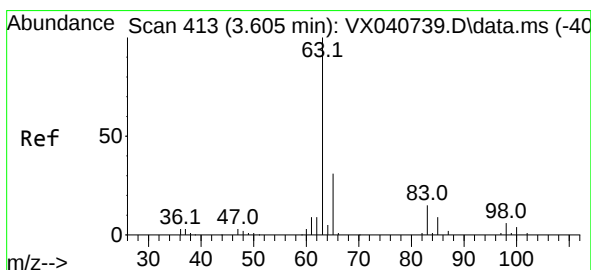
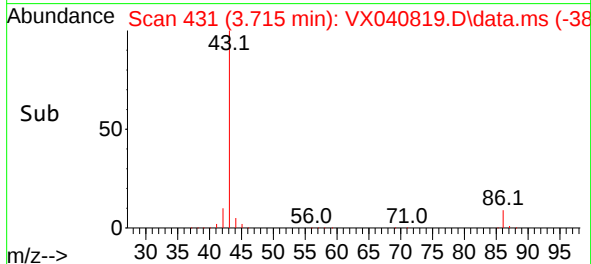
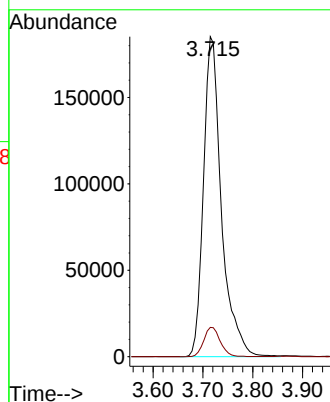
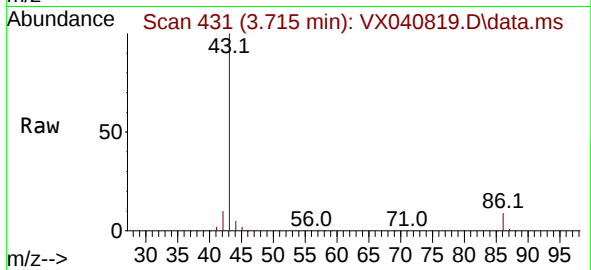
VSTDCCC050

Tgt Ion: 43 Resp: 464014
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.8

Manual Integrations

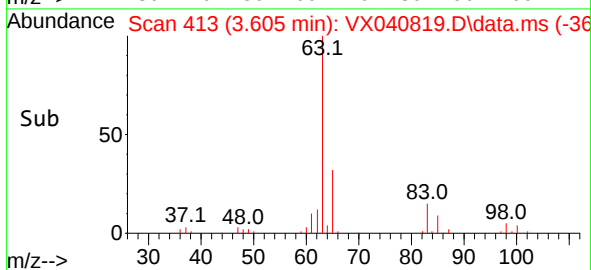
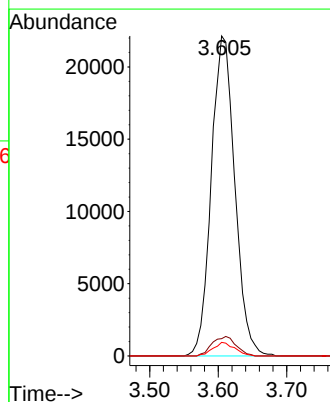
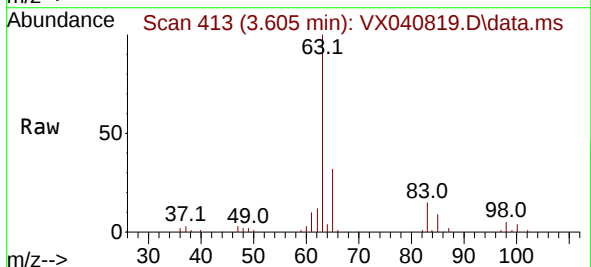
APPROVED

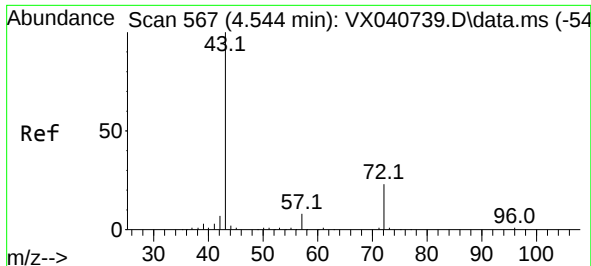
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#24
 1,1-Dichloroethane
 Concen: 48.339 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040819.D
 Acq: 28 Mar 2024 11:04

Tgt Ion: 63 Resp: 52757
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 270.508 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 116078

Ion Ratio Lower Upper

43 100

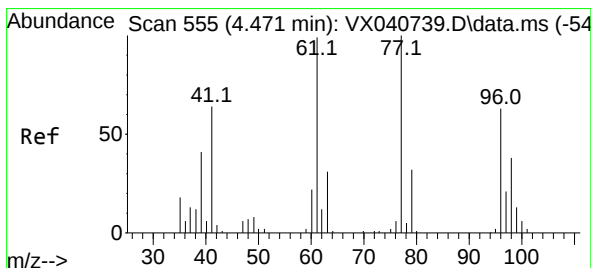
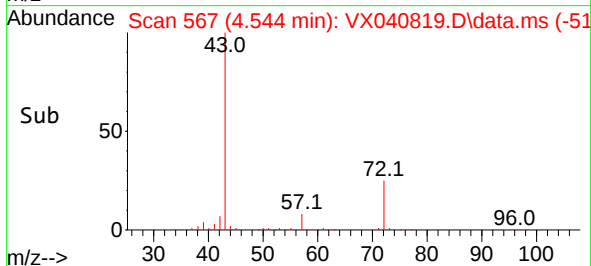
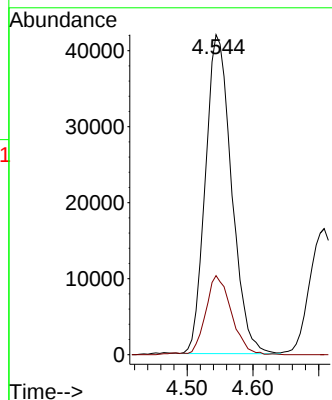
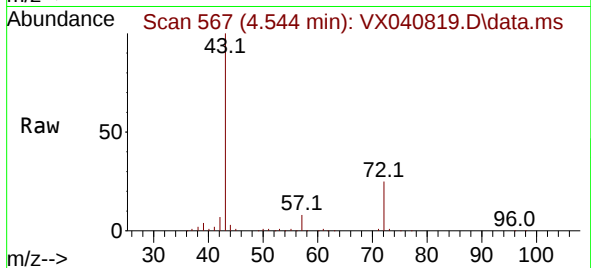
72 24.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#26

2,2-Dichloropropane

Concen: 49.386 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX040819.D

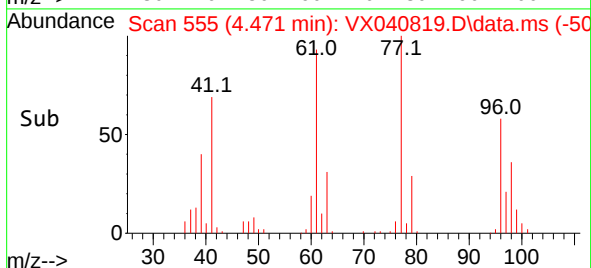
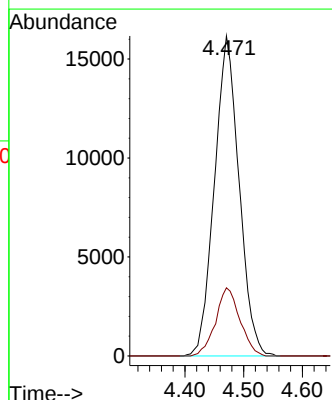
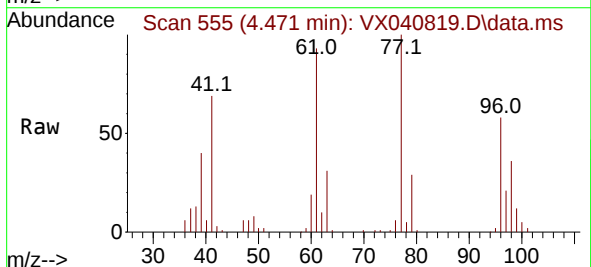
Acq: 28 Mar 2024 11:04

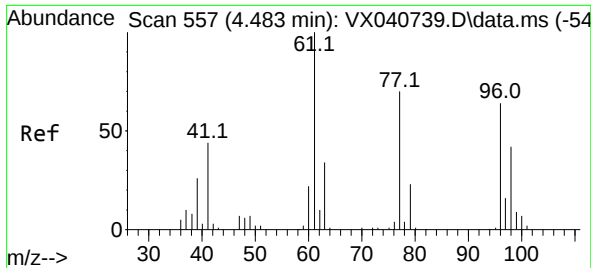
Tgt Ion: 77 Resp: 47027

Ion Ratio Lower Upper

77 100

97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.267 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 32070

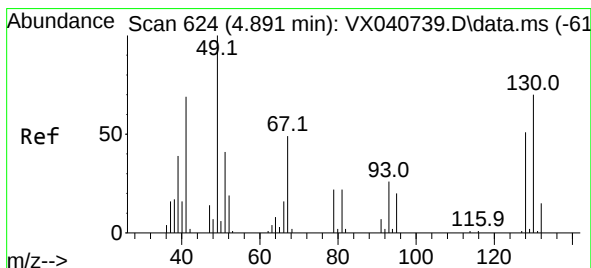
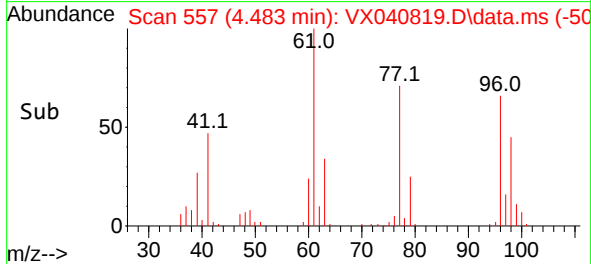
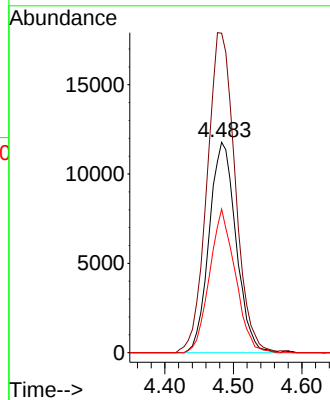
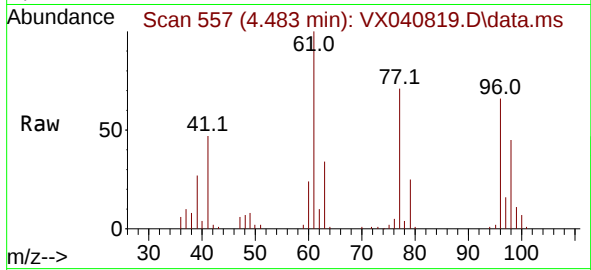
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	312.2
98	65.2	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#28

Bromochloromethane

Concen: 50.518 ug/l

RT: 4.891 min Scan# 624

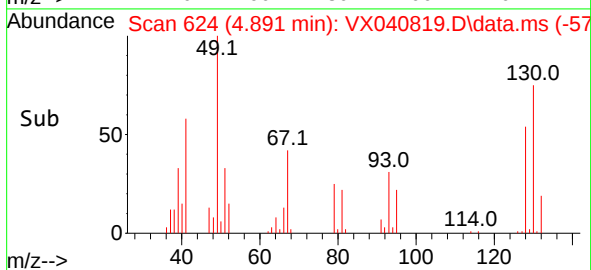
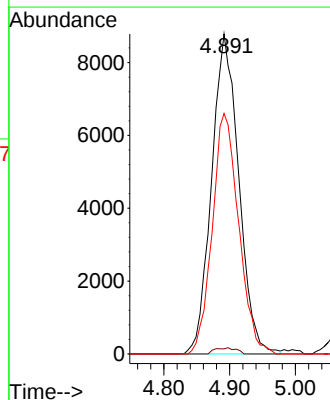
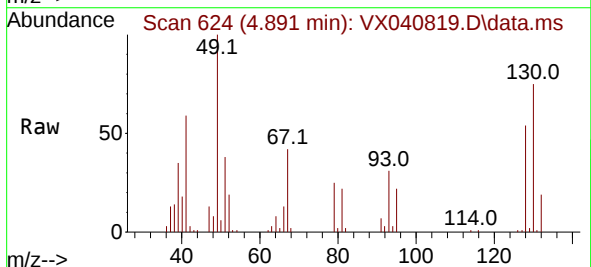
Delta R.T. 0.000 min

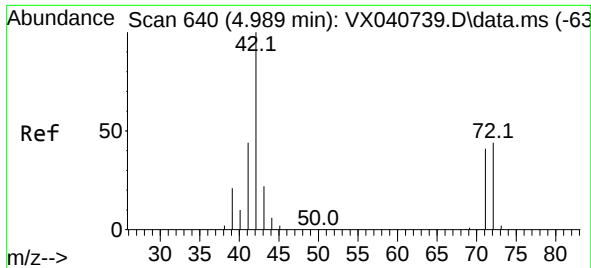
Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Tgt Ion: 49 Resp: 25217

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	73.1	57.5	86.3





#29

Tetrahydrofuran

Concen: 262.408 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 7489

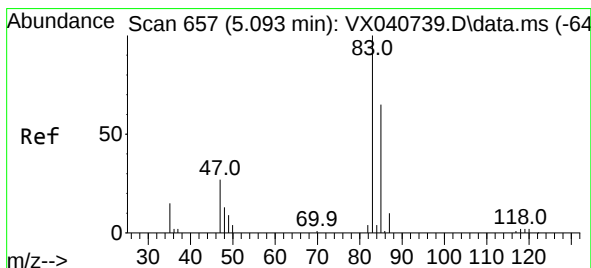
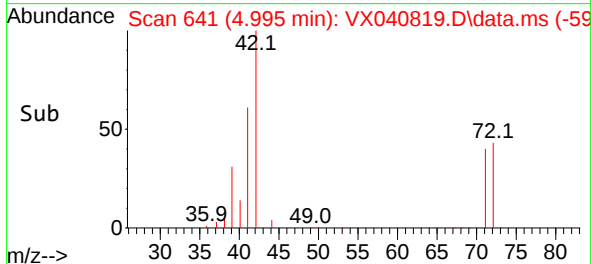
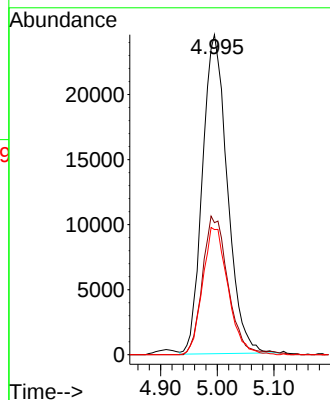
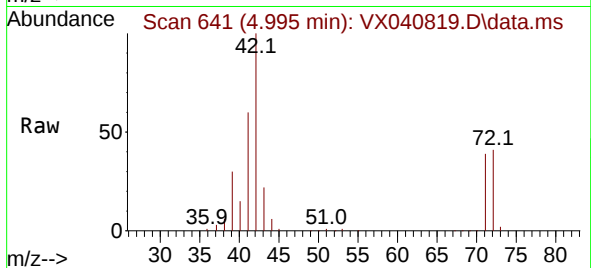
Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.2	51.4
71	40.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#30

Chloroform

Concen: 50.913 ug/l

RT: 5.086 min Scan# 656

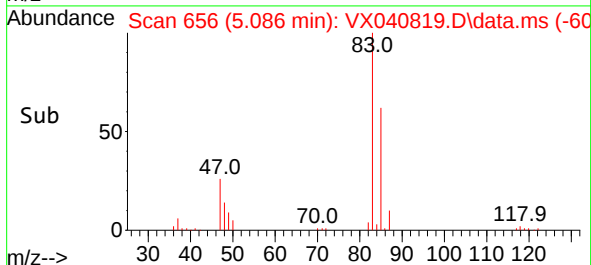
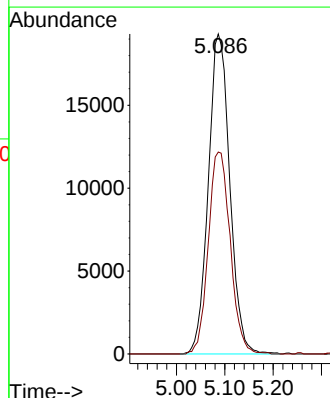
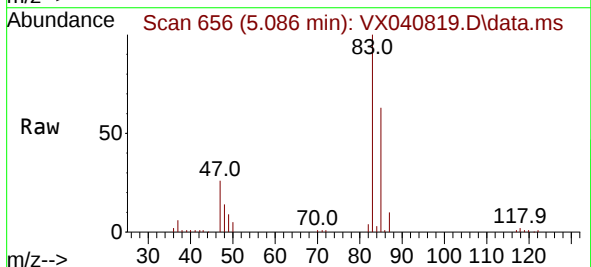
Delta R.T. -0.007 min

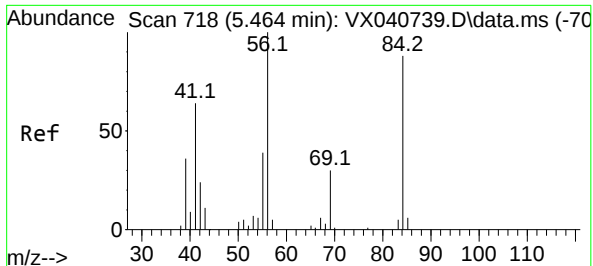
Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Tgt Ion: 83 Resp: 59489

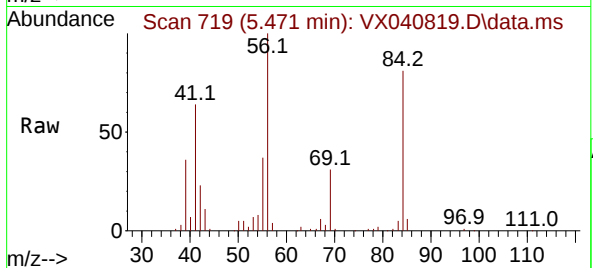
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





#31
Cyclohexane
Concen: 45.230 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

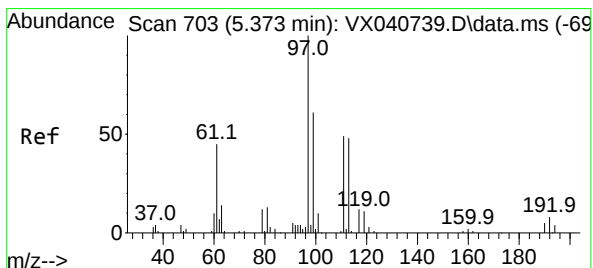
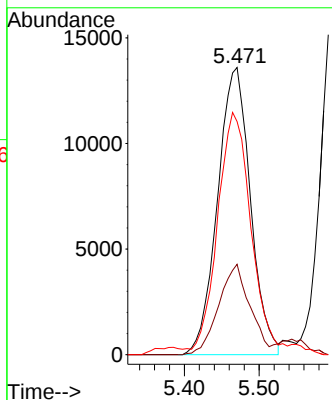
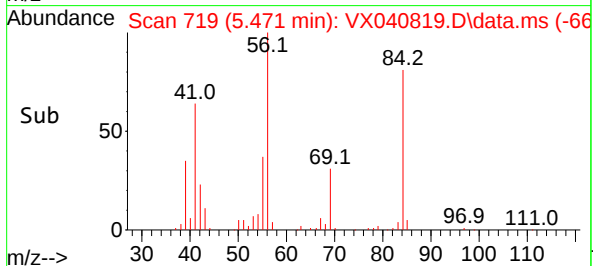
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 41560
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 79.0 65.9 98.9

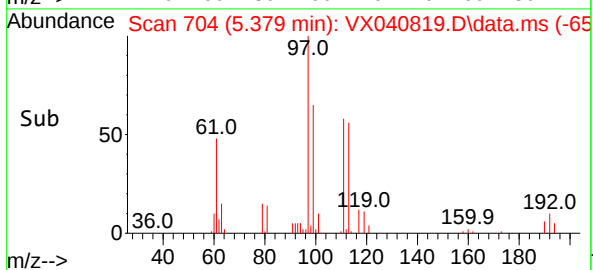
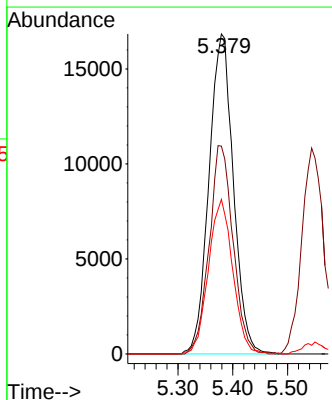
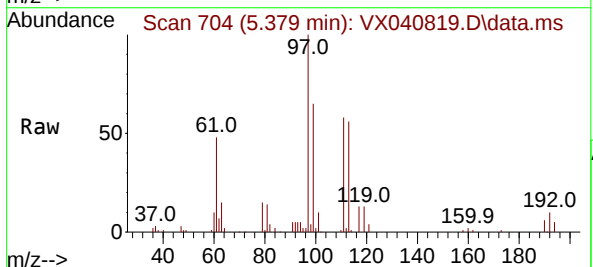
Manual Integrations
APPROVED

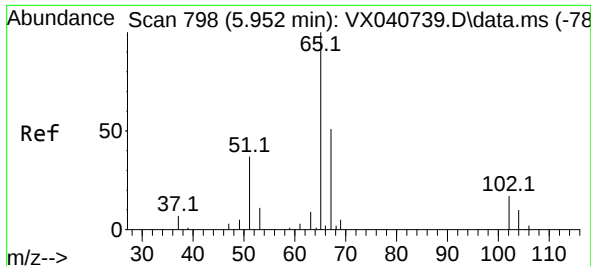
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#32
1,1,1-Trichloroethane
Concen: 51.763 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 97 Resp: 51987
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 48.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.164 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 4112

Ion Ratio Lower Upper

65 100

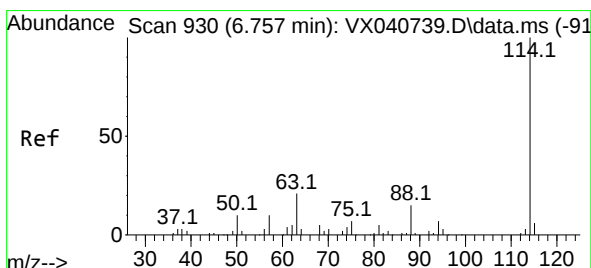
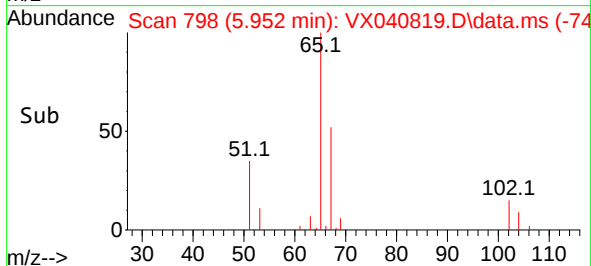
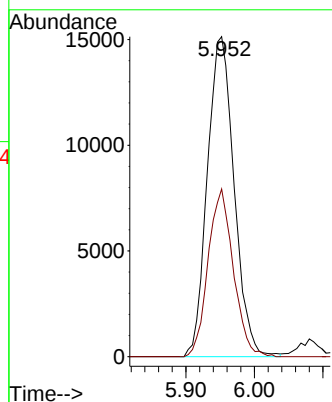
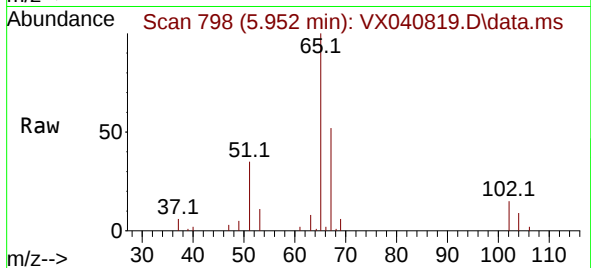
67 49.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

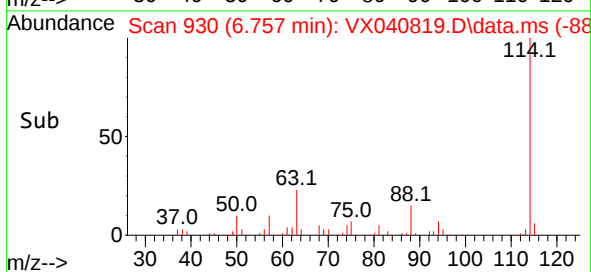
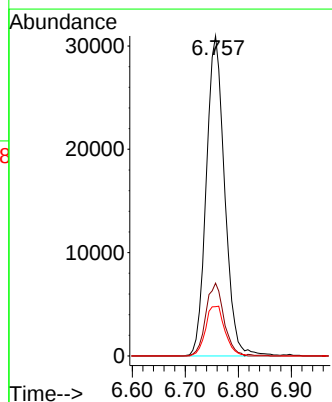
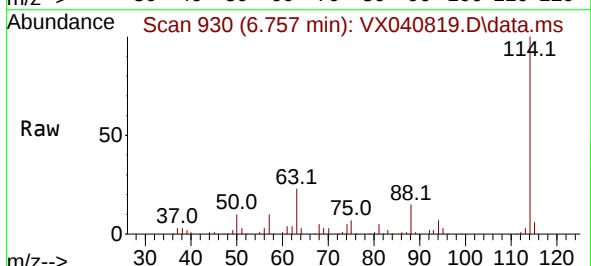
Tgt Ion:114 Resp: 74331

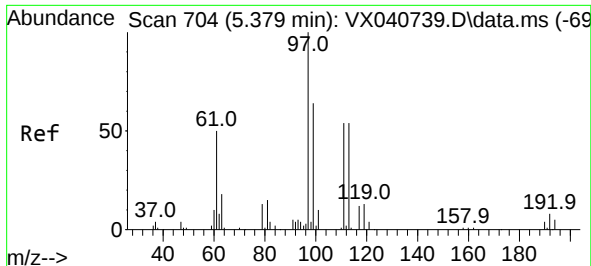
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

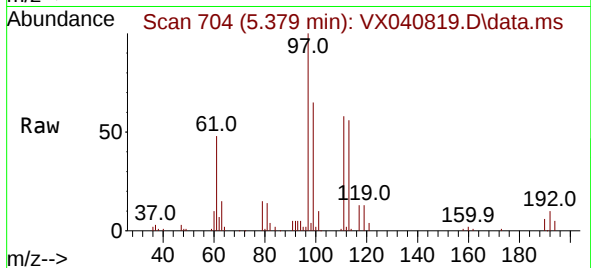
88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.345 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

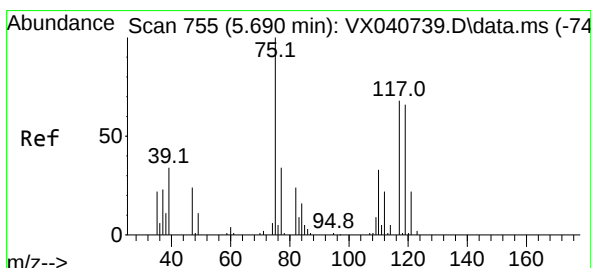
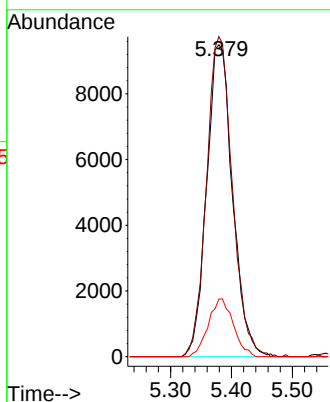
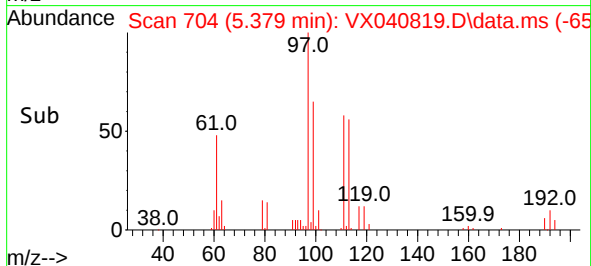
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 2800
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.9 13.3 19.9

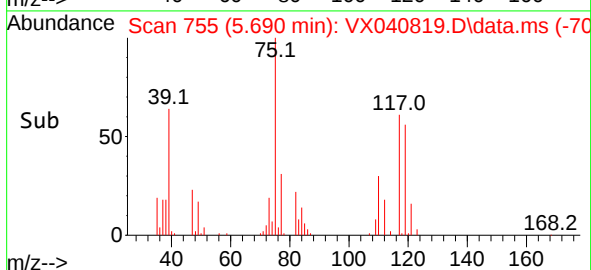
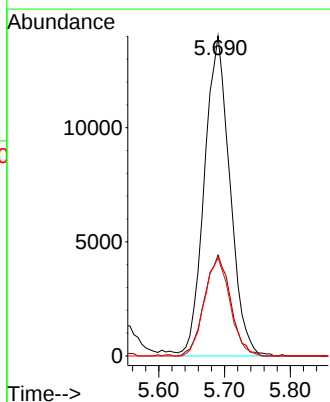
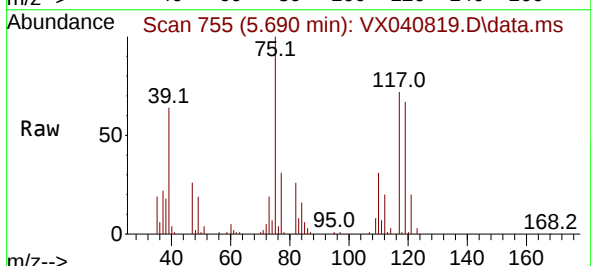
Manual Integrations
APPROVED

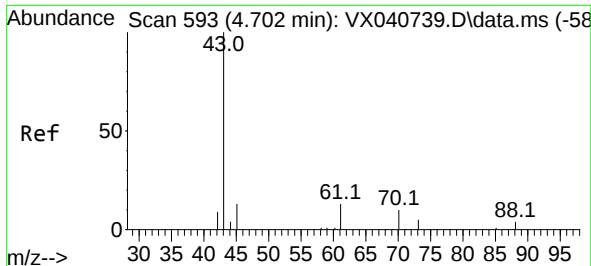
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#36
1,1-Dichloropropene
Concen: 46.141 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

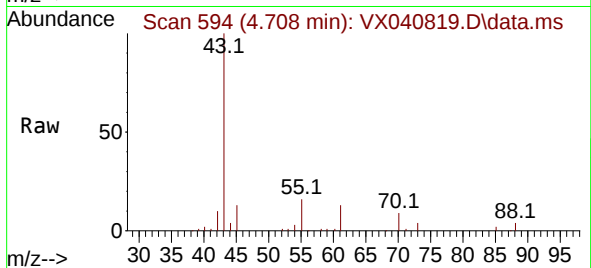
Tgt Ion: 75 Resp: 37786
Ion Ratio Lower Upper
75 100
110 32.2 17.0 50.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 51.038 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

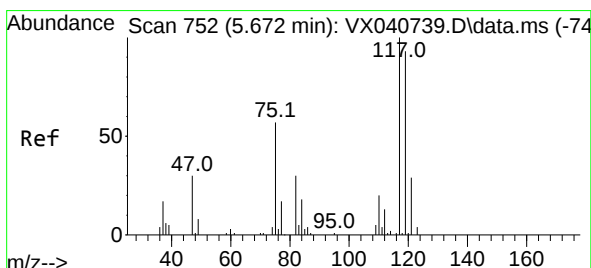
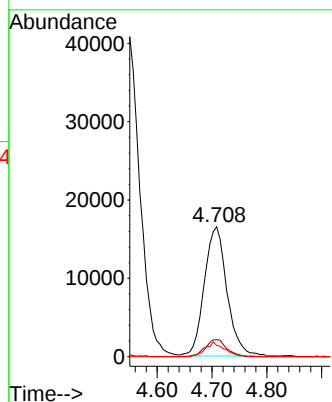
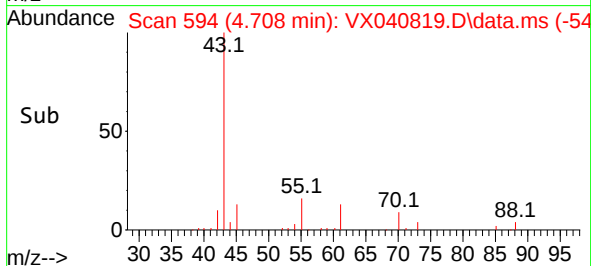
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4746
Ion Ratio Lower Upper
43 100
61 12.5 10.6 16.0
70 9.3 8.3 12.5

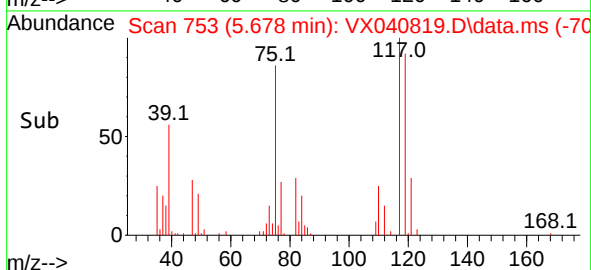
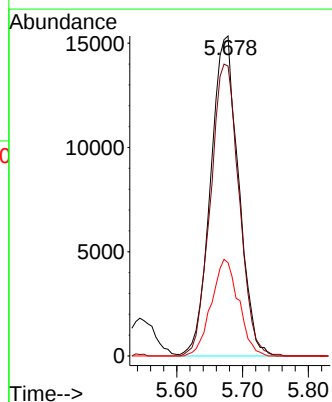
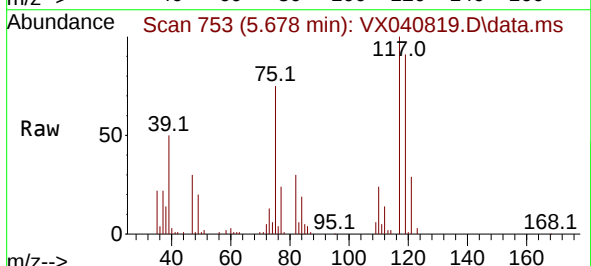
Manual Integrations
APPROVED

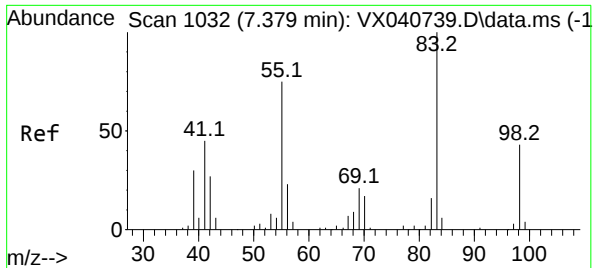
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#38
Carbon Tetrachloride
Concen: 49.249 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion:117 Resp: 45395
Ion Ratio Lower Upper
117 100
119 90.6 78.2 117.2
121 29.2 24.4 36.6





#39
Methylcyclohexane
Concen: 48.409 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

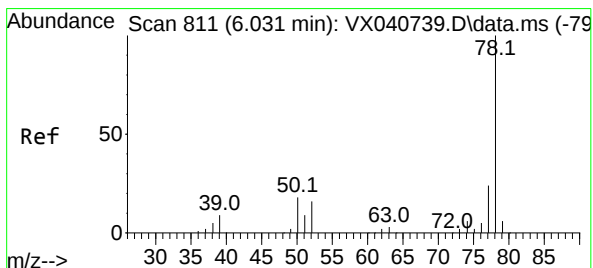
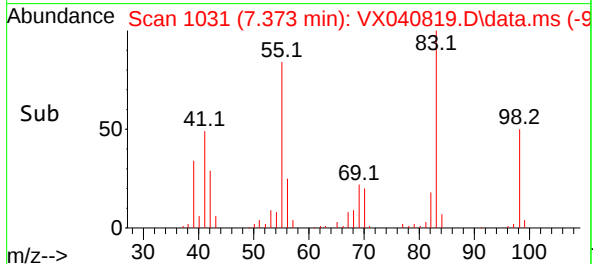
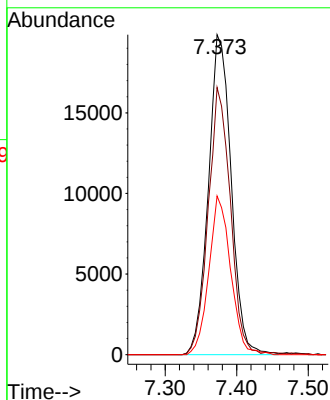
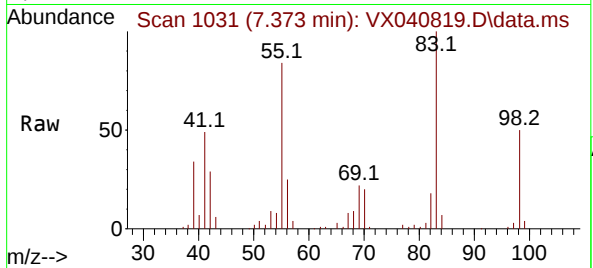
Tgt Ion: 83 Resp: 43919
Ion Ratio Lower Upper
83 100
55 83.5 64.6 97.0
98 49.6 36.7 55.1

Manual Integrations

APPROVED

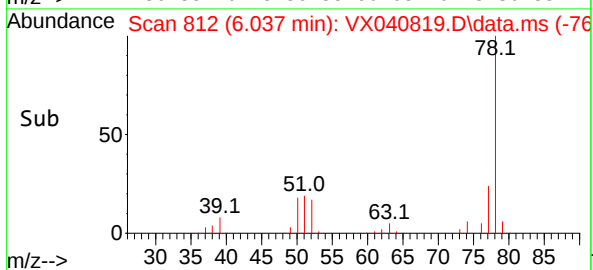
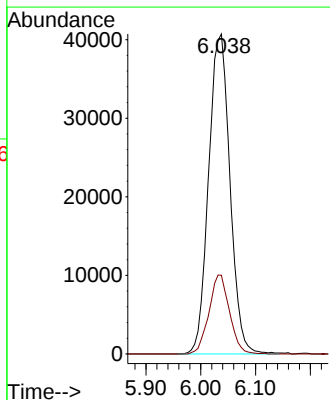
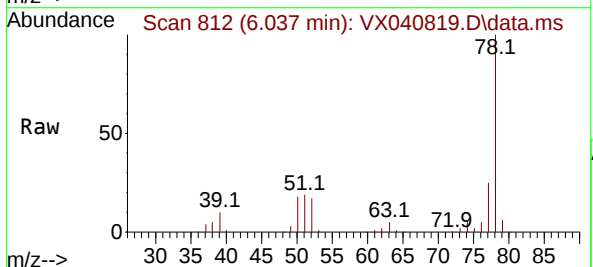
Reviewed By :John Carlone 03/29/2024

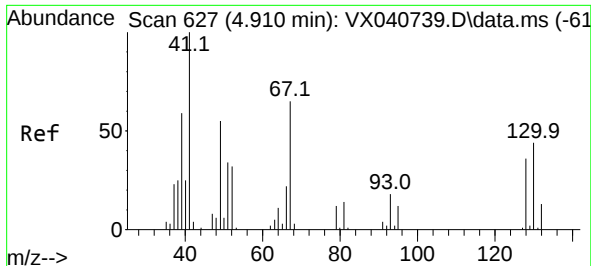
Supervised By :Mahesh Dadoda 03/29/2024



#40
Benzene
Concen: 48.713 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 78 Resp: 110156
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





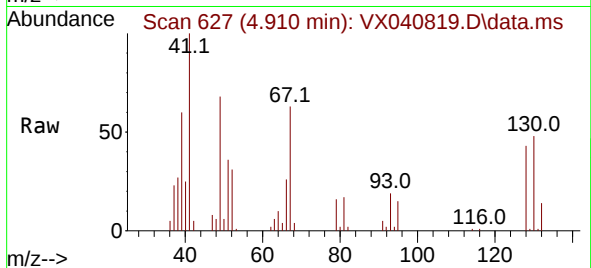
#41
Methacrylonitrile
Concen: 55.556 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



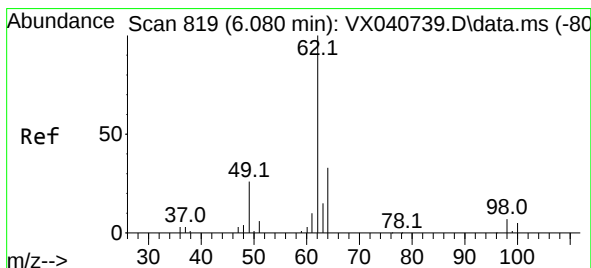
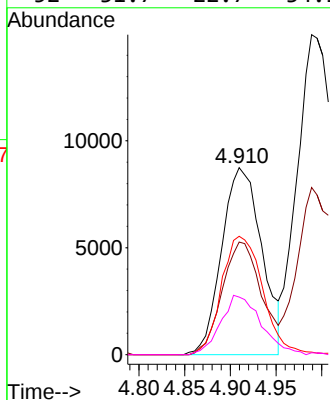
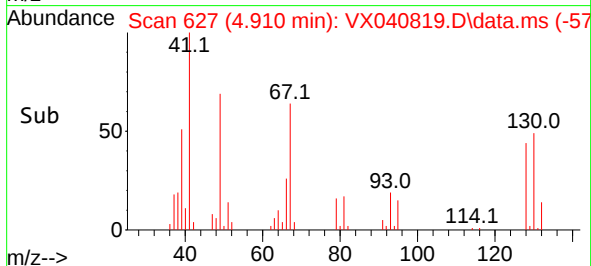
Tgt Ion: 41 Resp: 26715
Ion Ratio Lower Upper
41 100
39 58.9 45.2 67.8
67 65.3 52.6 78.8
52 31.7 22.7 34.1

Manual Integrations

APPROVED

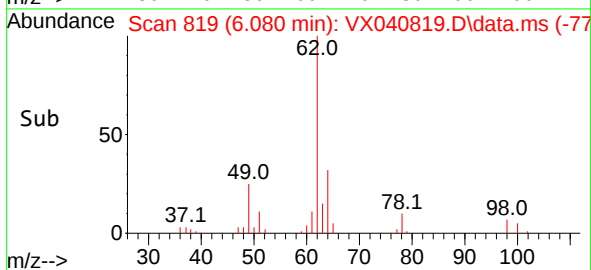
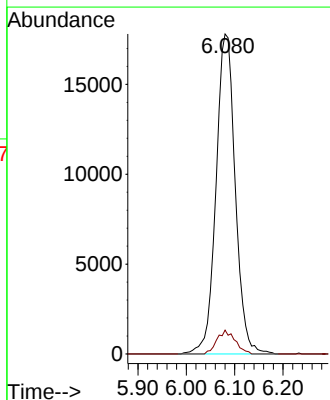
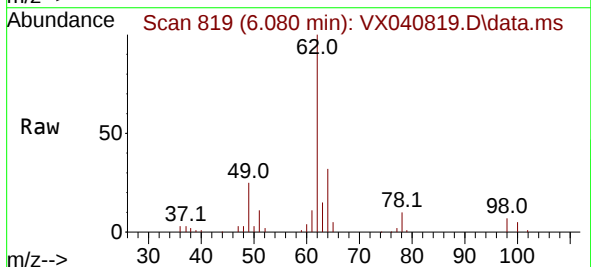
Reviewed By :John Carlone 03/29/2024

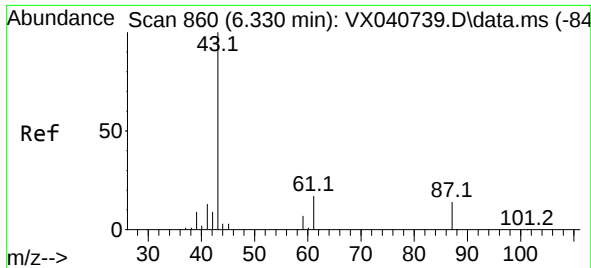
Supervised By :Mahesh Dadoda 03/29/2024



#42
1,2-Dichloroethane
Concen: 53.804 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

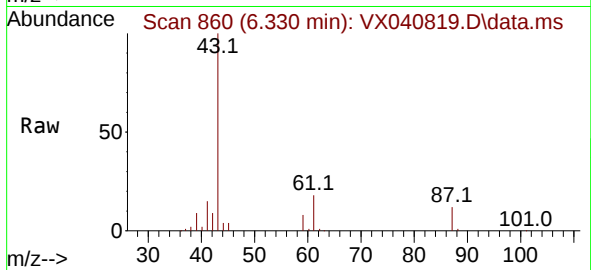
Tgt Ion: 62 Resp: 49234
Ion Ratio Lower Upper
62 100
98 7.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.123 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

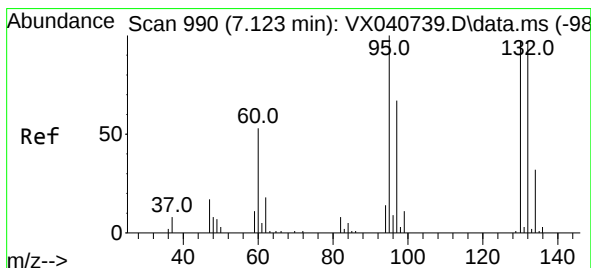
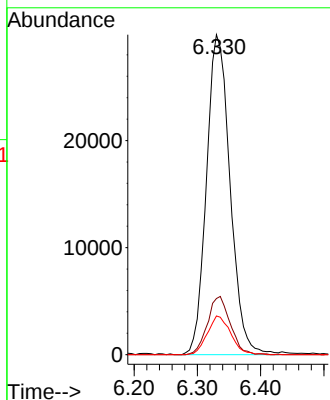
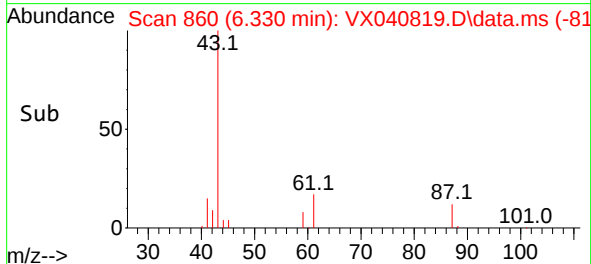
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



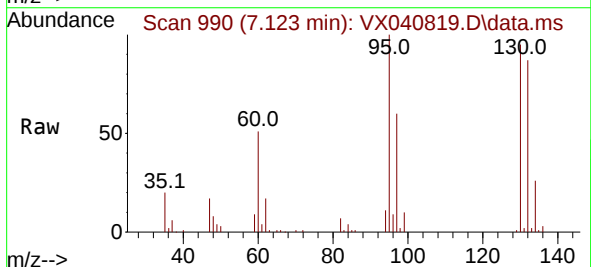
Tgt Ion: 43 Resp: 77574
Ion Ratio Lower Upper
43 100
61 17.5 15.2 22.8
87 11.9 9.8 14.6

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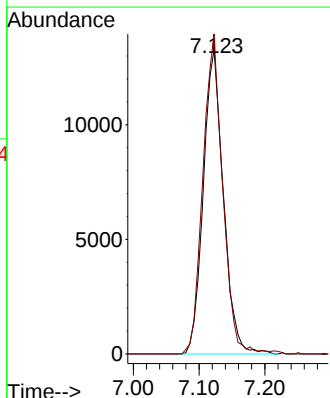
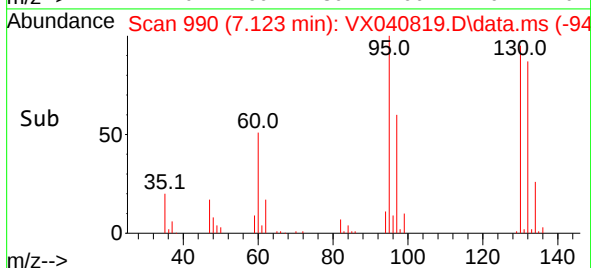
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

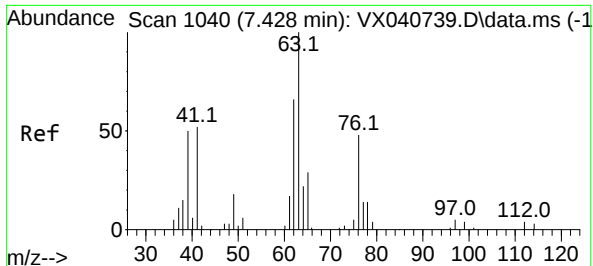


#44
Trichloroethene
Concen: 52.039 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04



Tgt Ion:130 Resp: 28206
Ion Ratio Lower Upper
130 100
95 105.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.762 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 2746

Ion Ratio Lower Upper

63 100

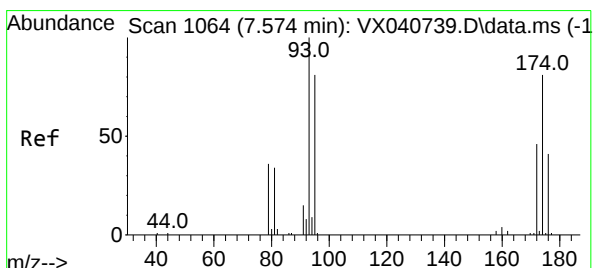
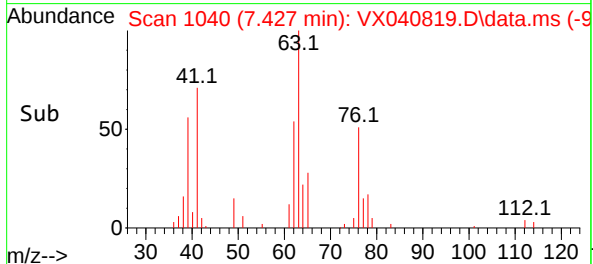
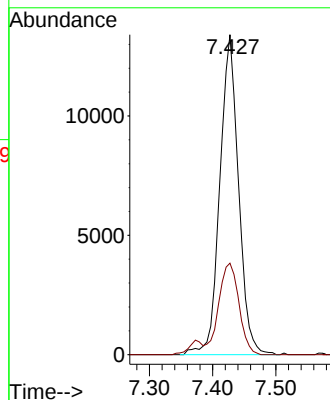
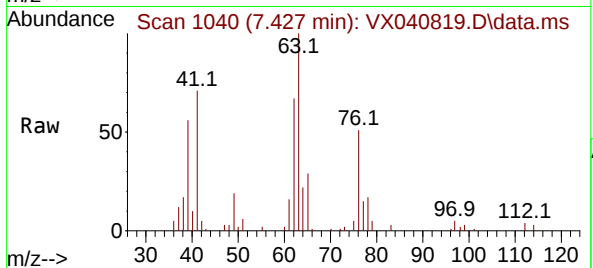
65 28.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#46

Dibromomethane

Concen: 53.361 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

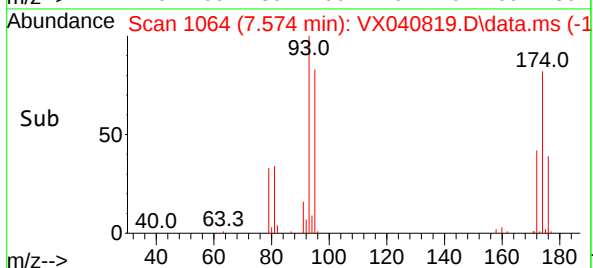
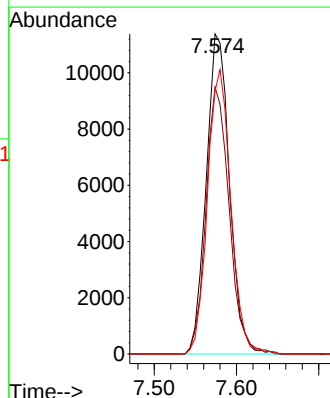
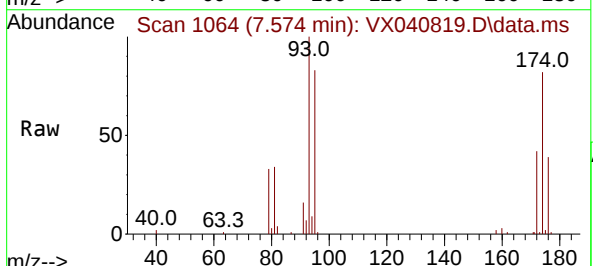
Tgt Ion: 93 Resp: 22422

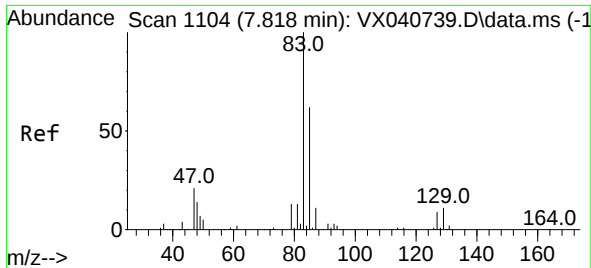
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

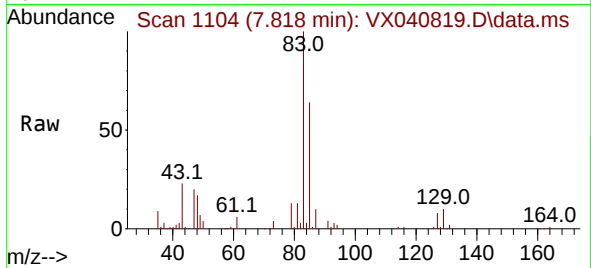
174 88.9 69.4 104.0





#47
Bromodichloromethane
Concen: 53.003 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

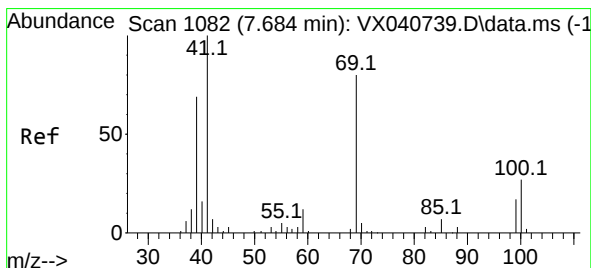
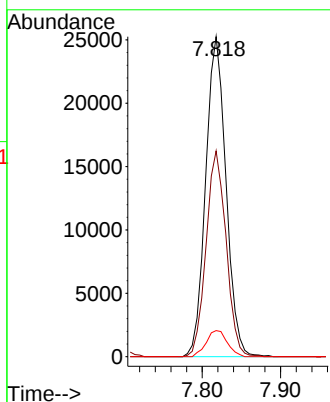
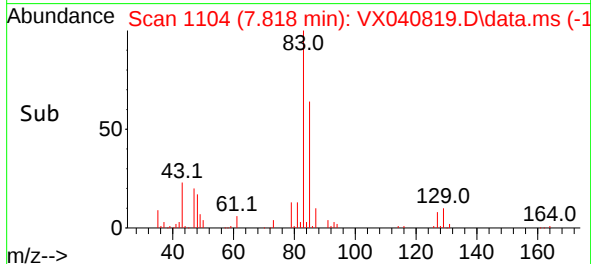
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 45508
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.2 7.1 10.7

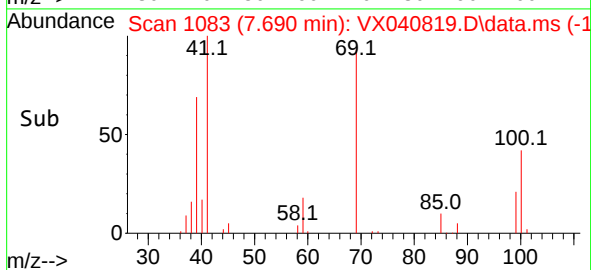
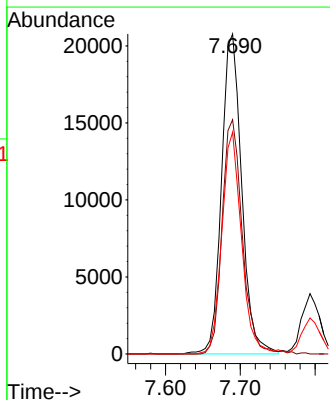
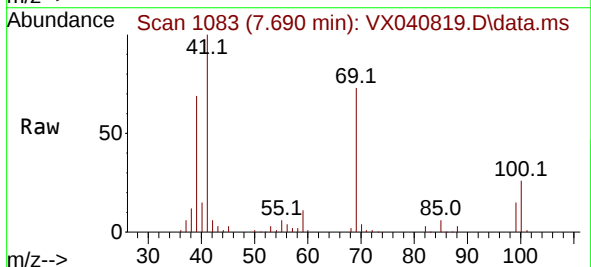
Manual Integrations
APPROVED

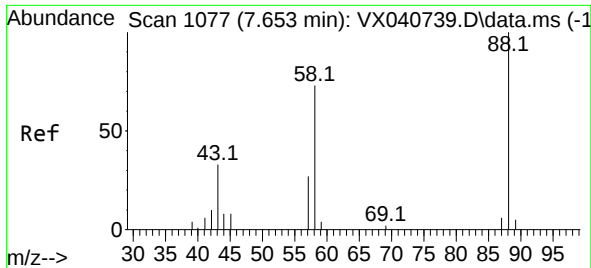
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#48
Methyl methacrylate
Concen: 58.482 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 41 Resp: 39032
Ion Ratio Lower Upper
41 100
69 73.3 59.2 88.8
39 67.7 47.7 71.5





#49
1,4-Dioxane
Concen: 1141.335 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

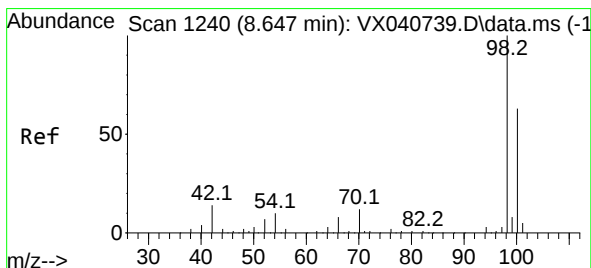
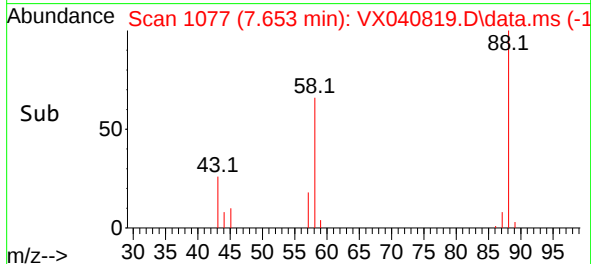
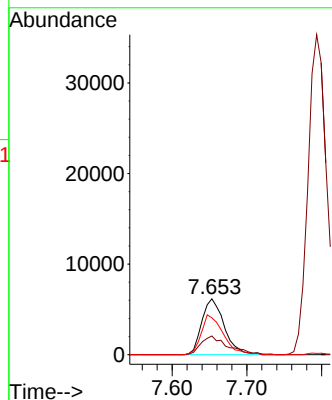
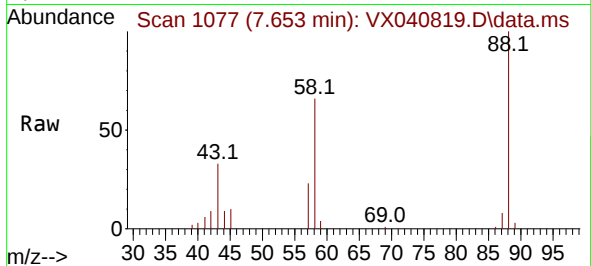
Tgt Ion: 88 Resp: 12850
Ion Ratio Lower Upper
88 100
43 39.7 0.0 0.0
58 69.4 60.1 90.1

Manual Integrations

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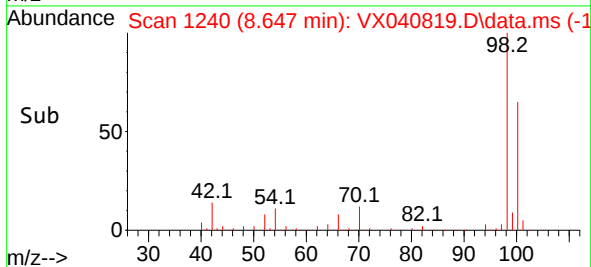
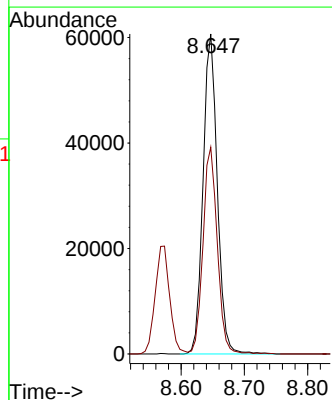
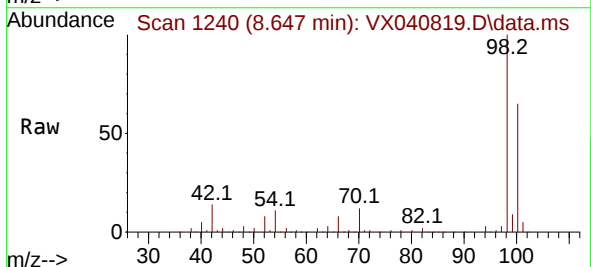
Reviewed By :John Carlone 03/29/2024

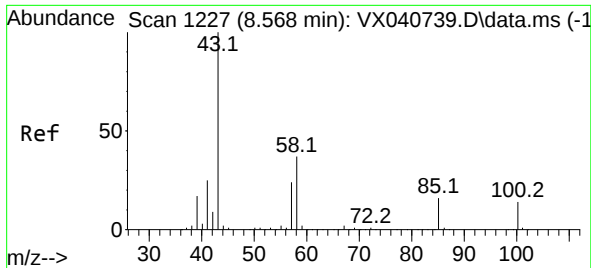
Supervised By :Mahesh Dadoda 03/29/2024



#50
Toluene-d8
Concen: 50.027 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 98 Resp: 95273
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 268.887 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

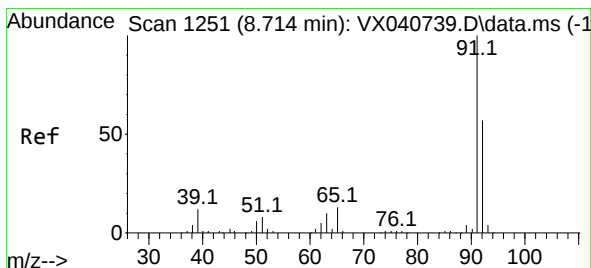
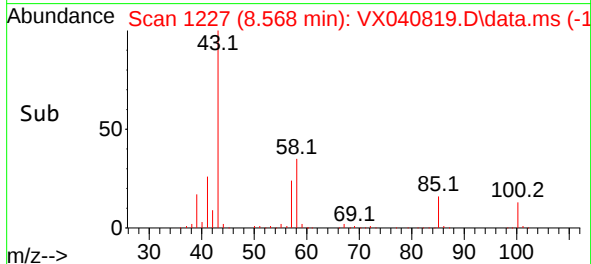
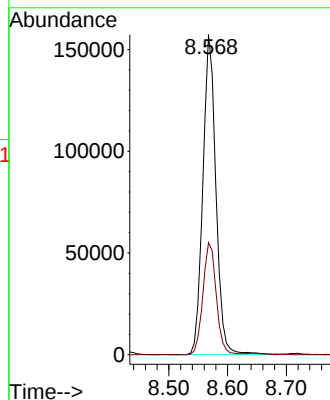
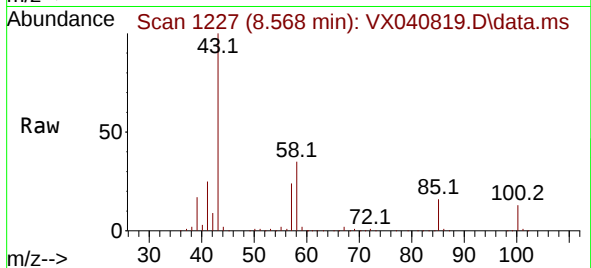
Tgt Ion: 43 Resp: 24350
Ion Ratio Lower Upper
43 100
58 35.7 30.4 45.6

Manual Integrations

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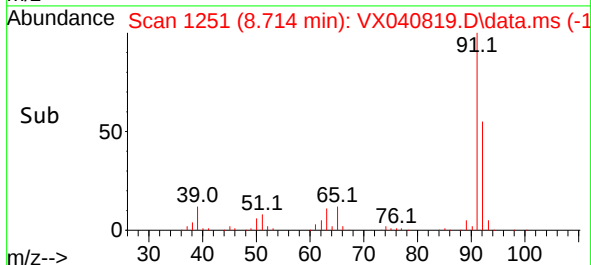
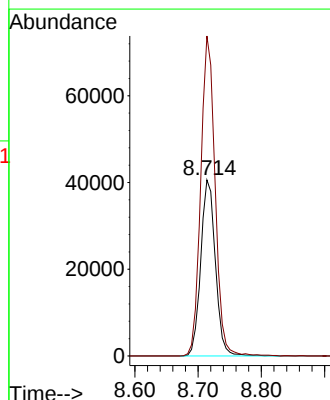
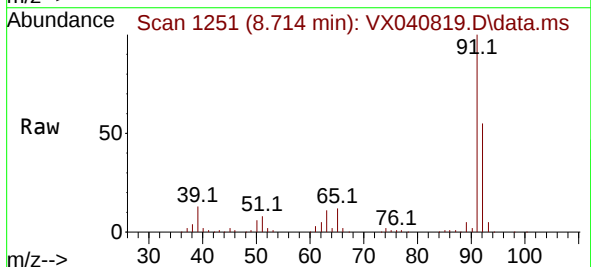
Reviewed By :John Carlone 03/29/2024

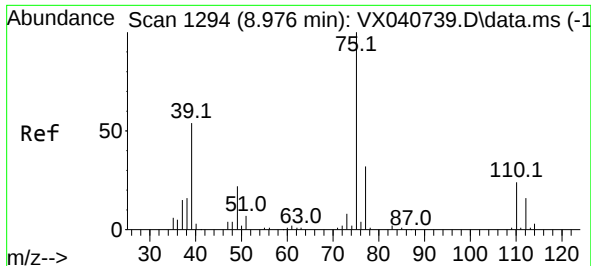
Supervised By :Mahesh Dadoda 03/29/2024



#52
Toluene
Concen: 48.663 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 92 Resp: 65629
Ion Ratio Lower Upper
92 100
91 178.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.213 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 4548

Ion Ratio Lower Upper

75 100

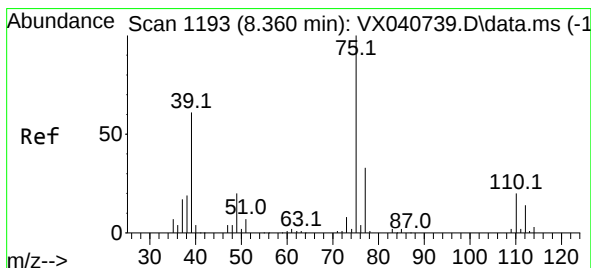
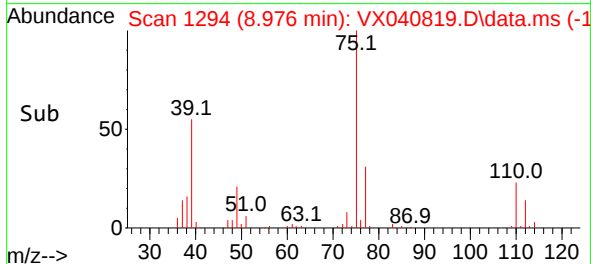
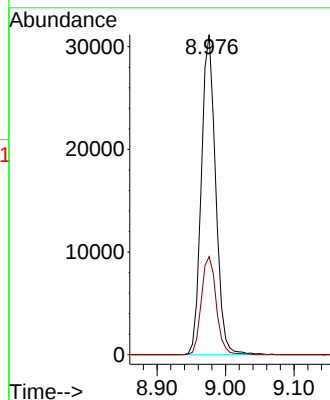
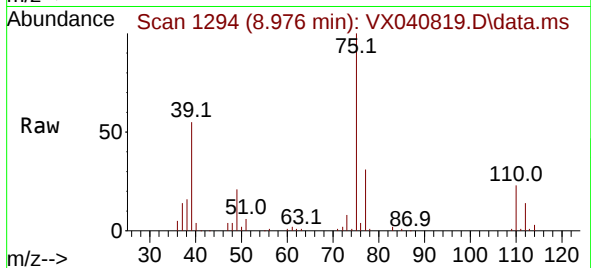
77 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#54

cis-1,3-Dichloropropene

Concen: 50.005 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

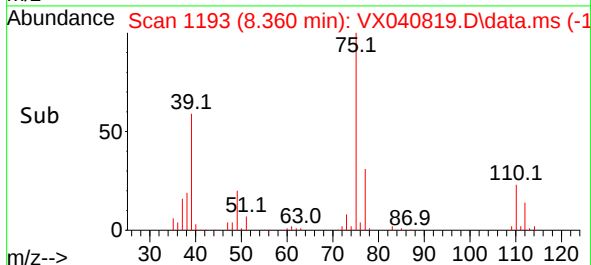
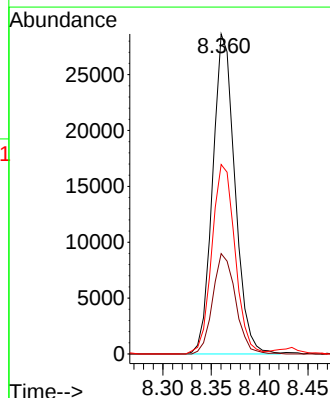
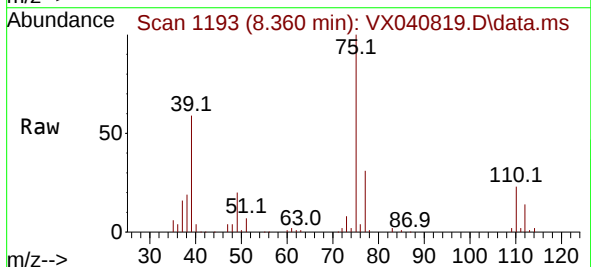
Tgt Ion: 75 Resp: 45934

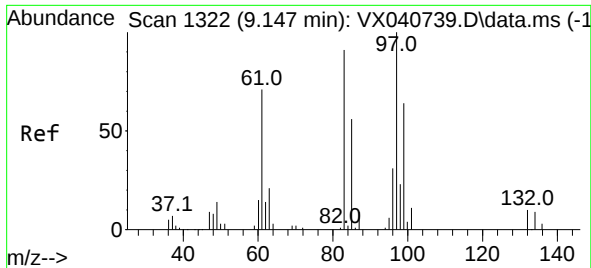
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

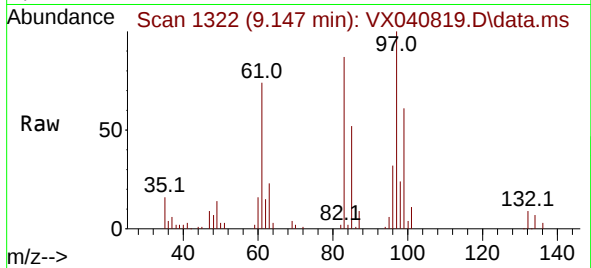
39 59.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.676 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

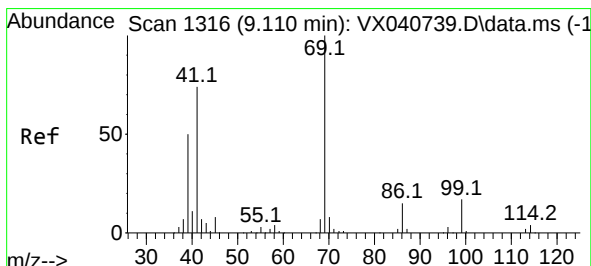
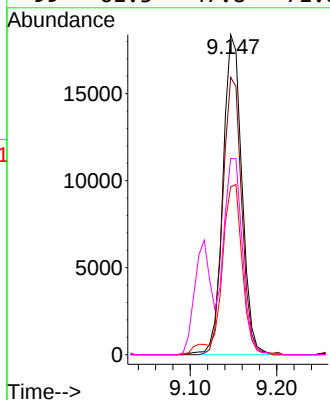
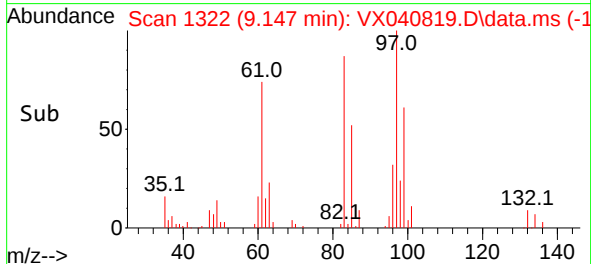


Tgt Ion: 97 Resp: 2783

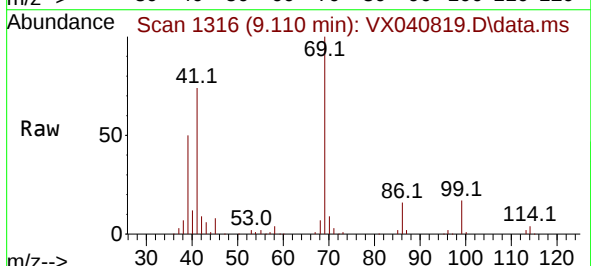
Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.8	98.8
85	52.4	41.6	62.4
99	61.3	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

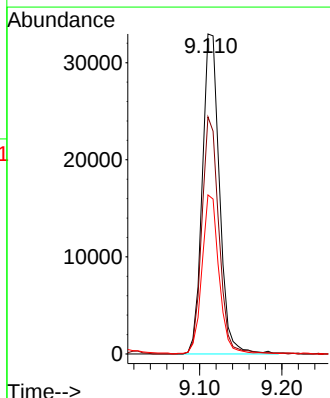
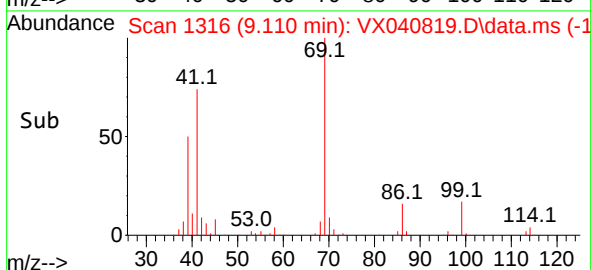


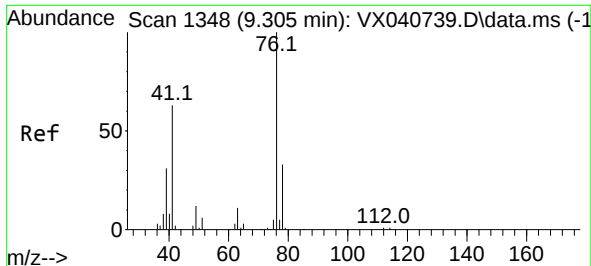
#56
Ethyl methacrylate
Concen: 52.164 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04



Tgt Ion: 69 Resp: 47887

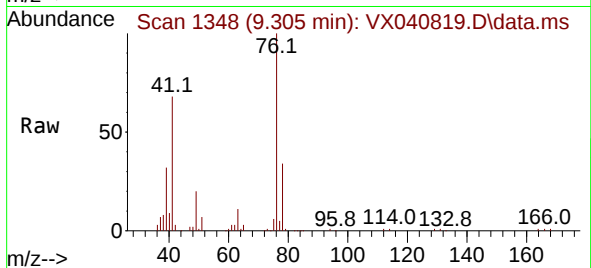
Ion	Ratio	Lower	Upper
69	100		
41	73.5	56.8	85.2
39	49.5	32.0	48.0





#57
1,3-Dichloropropane
Concen: 49.911 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

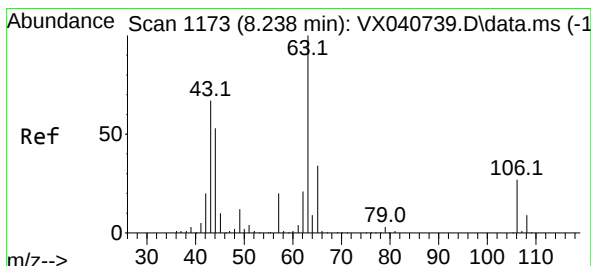
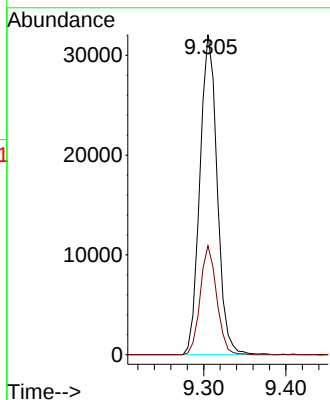
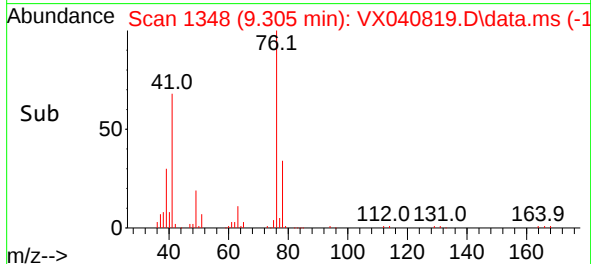
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 46770
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

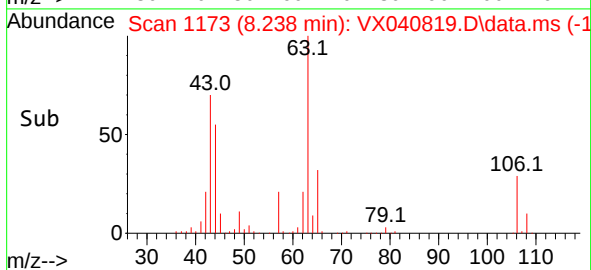
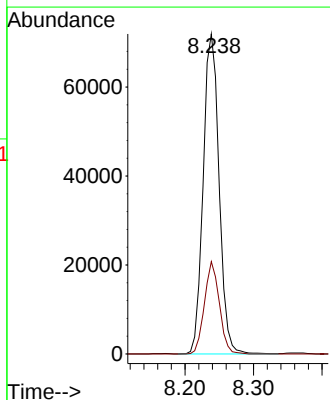
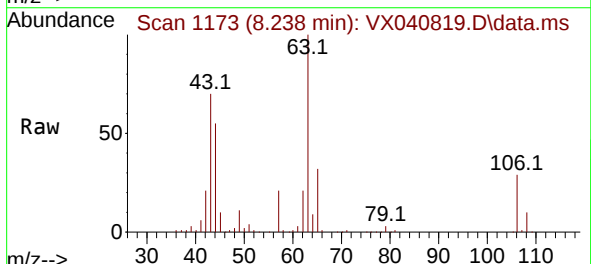
Manual Integrations
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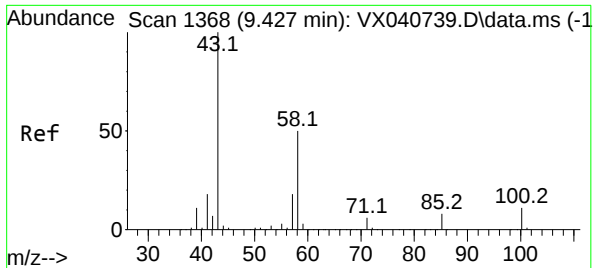
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 241.421 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

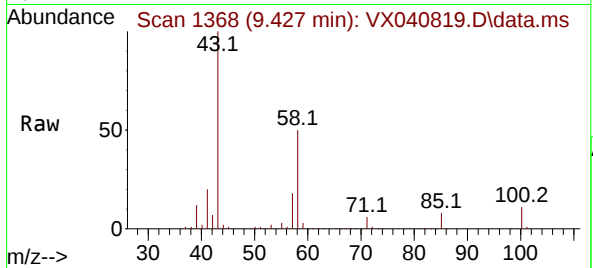
Tgt Ion: 63 Resp: 116314
Ion Ratio Lower Upper
63 100
106 27.1 22.5 33.7





#59
2-Hexanone
Concen: 272.109 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

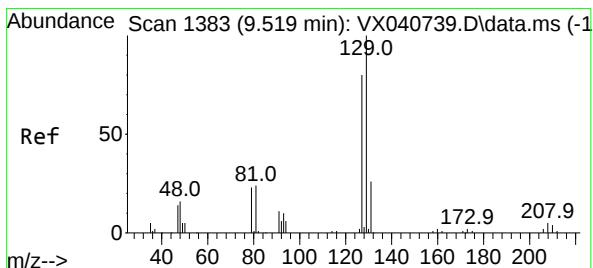
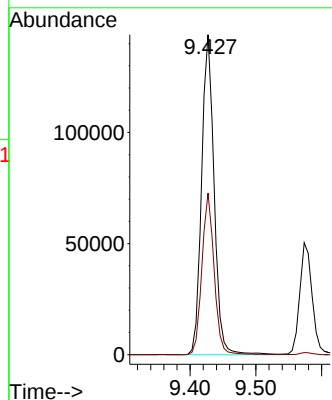
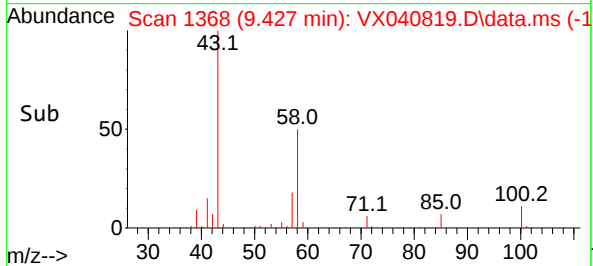
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 190889
Ion Ratio Lower Upper
43 100
58 49.2 26.2 78.5

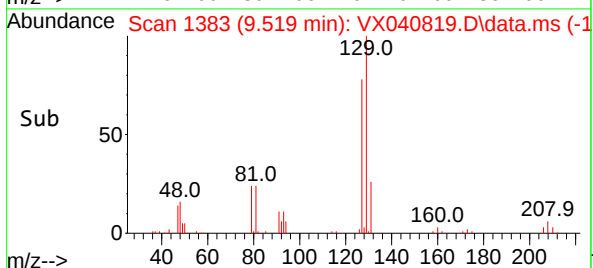
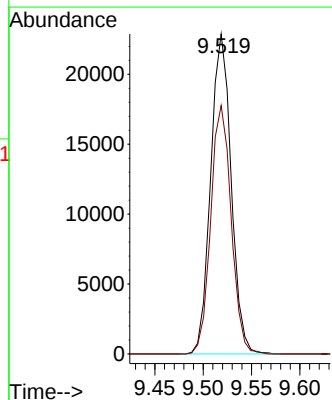
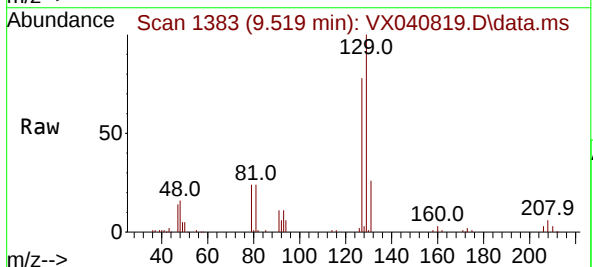
Manual Integrations
APPROVED

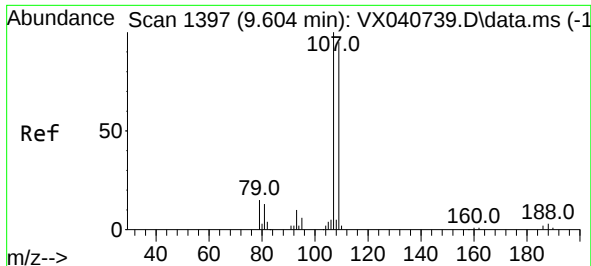
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#60
Dibromochloromethane
Concen: 52.225 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion:129 Resp: 33705
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





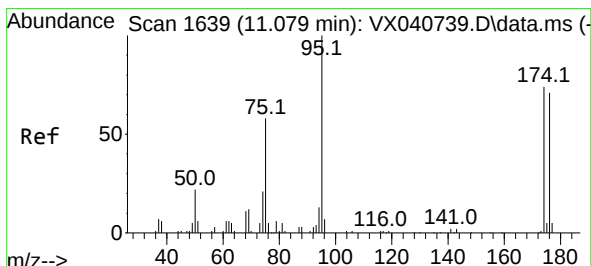
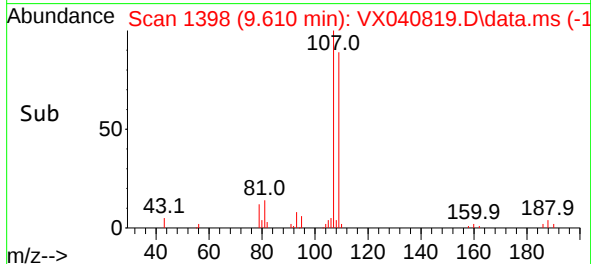
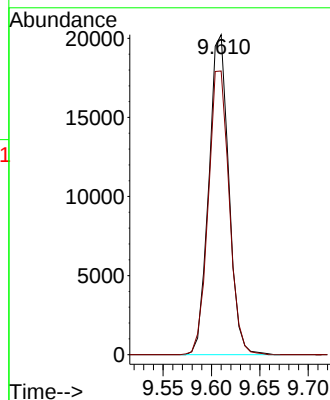
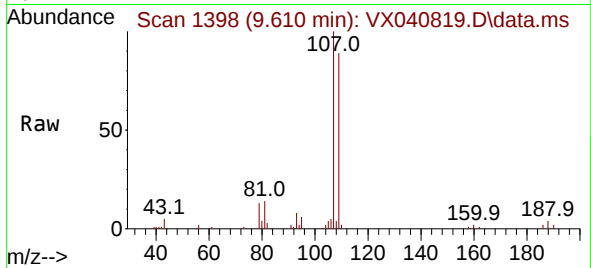
#61
1,2-Dibromoethane
Concen: 50.185 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 2910
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8

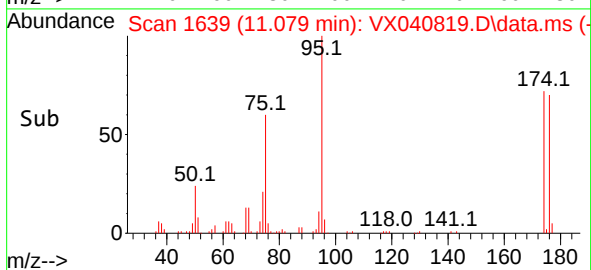
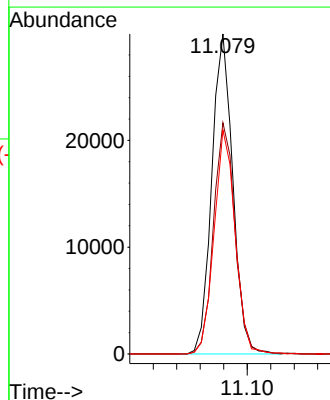
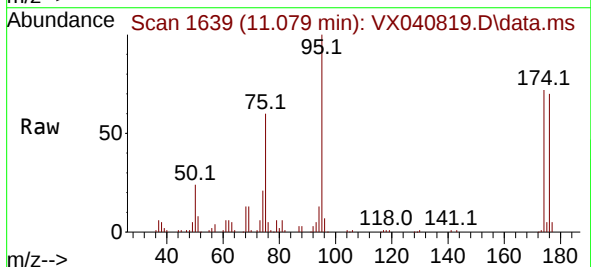
Manual Integrations
APPROVED

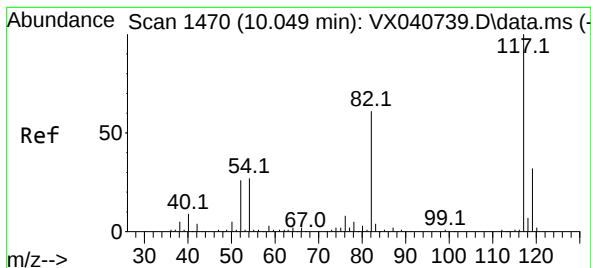
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#62
4-Bromofluorobenzene
Concen: 49.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

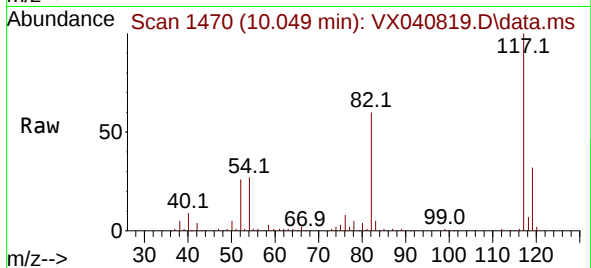
Tgt Ion: 95 Resp: 37221
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

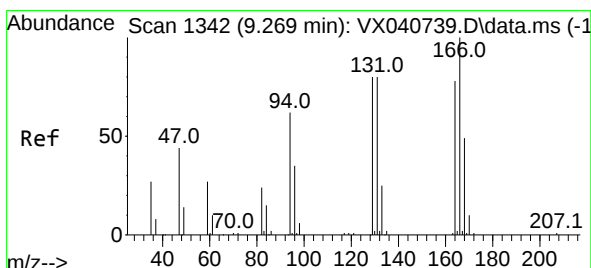
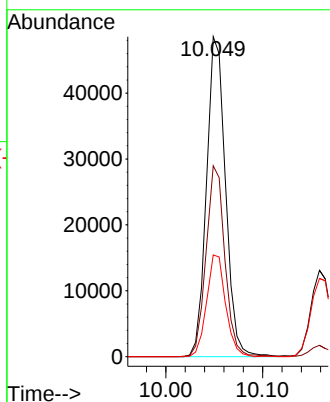
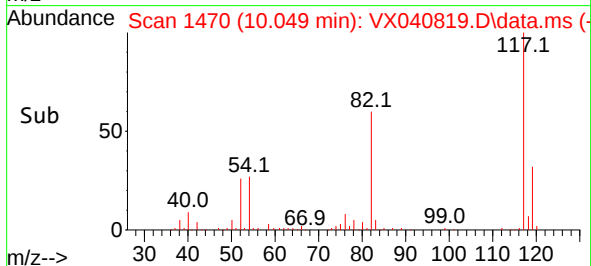
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 66252
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 31.8 25.5 38.3

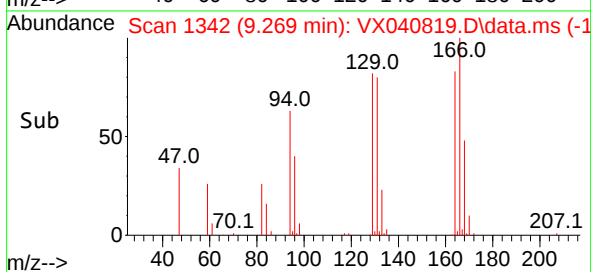
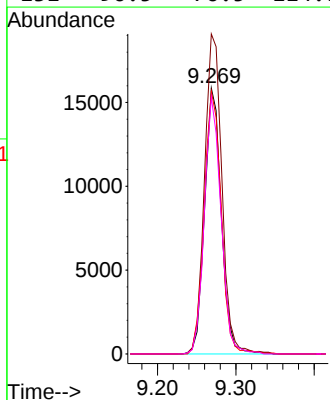
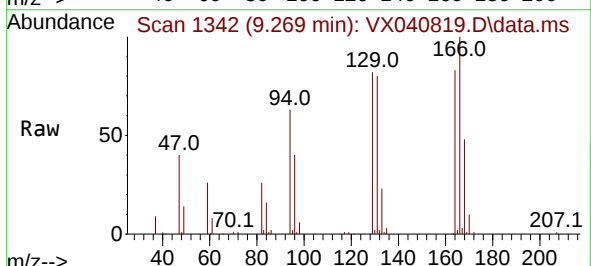
Manual Integrations
APPROVED

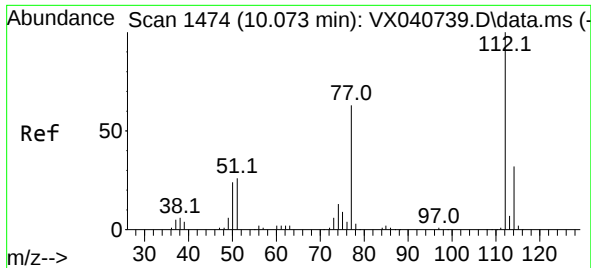
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#64
Tetrachloroethene
Concen: 47.359 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion:164 Resp: 23371
Ion Ratio Lower Upper
164 100
166 120.3 102.7 154.1
129 98.9 80.4 120.6
131 96.5 76.5 114.7





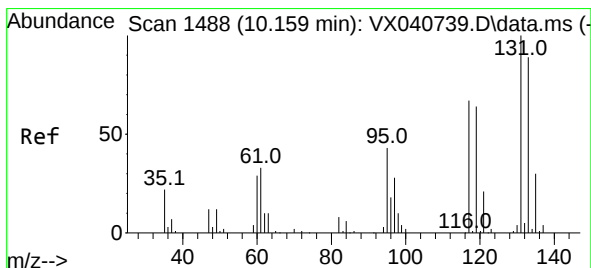
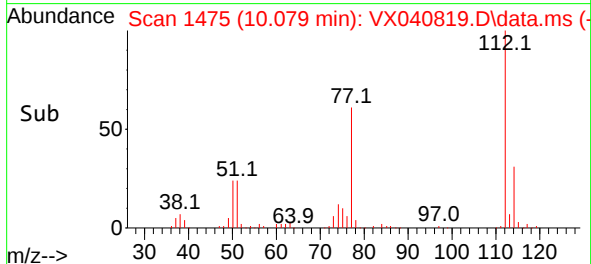
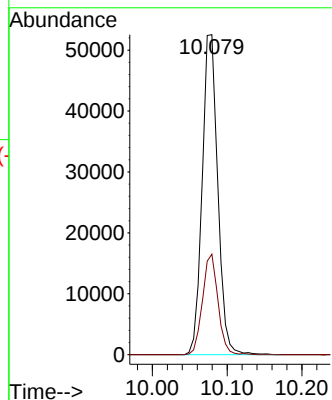
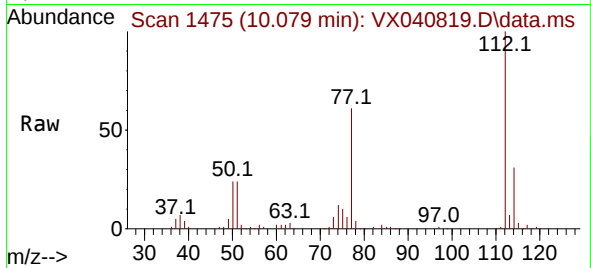
#65
Chlorobenzene
Concen: 50.733 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 76234
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

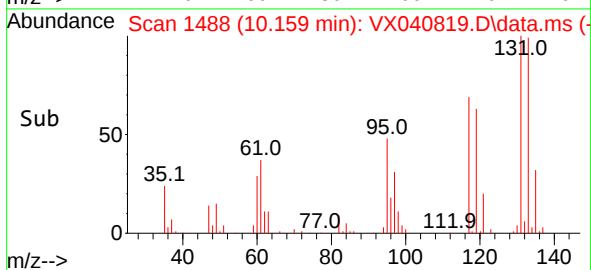
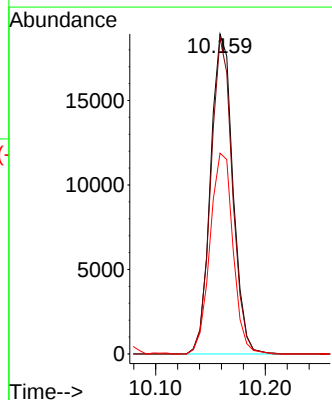
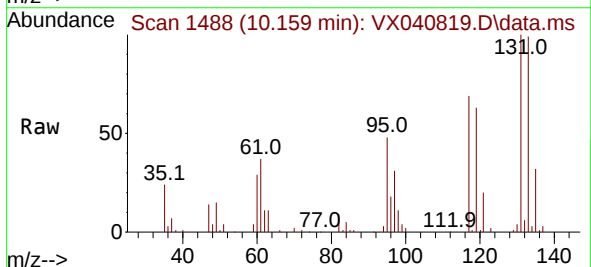
Manual Integrations
APPROVED

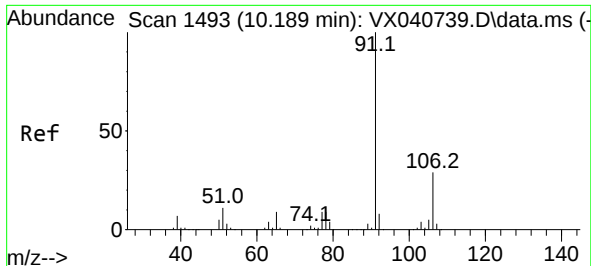
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.325 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion:131 Resp: 26756
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 64.7 32.2 96.6





#67

Ethyl Benzene

Concen: 51.038 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 137348

Ion Ratio Lower Upper

91 100

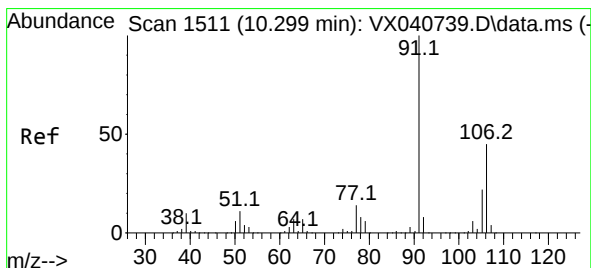
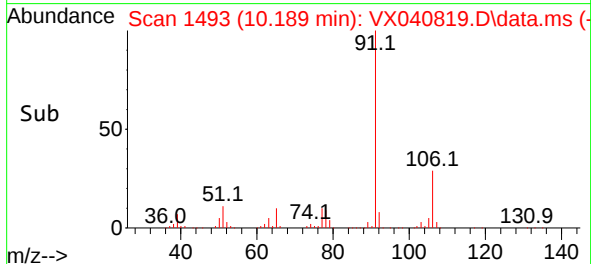
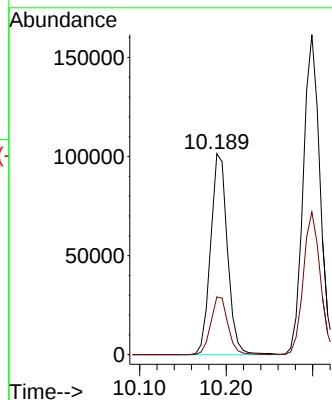
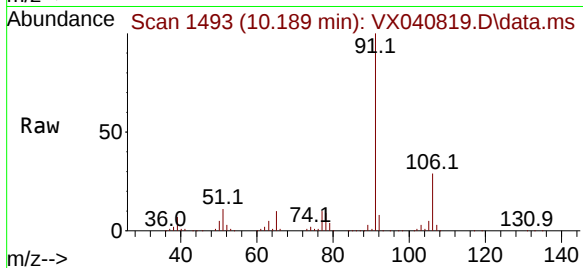
106 28.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#68

m/p-Xylenes

Concen: 100.739 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040819.D

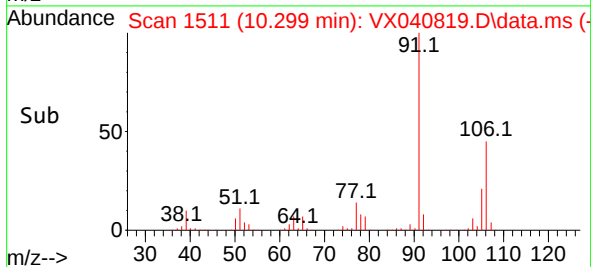
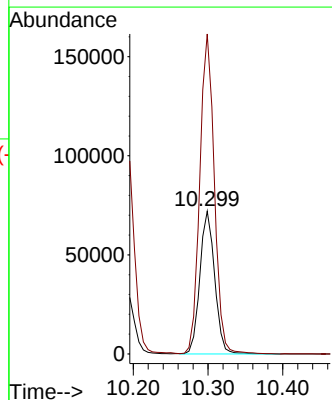
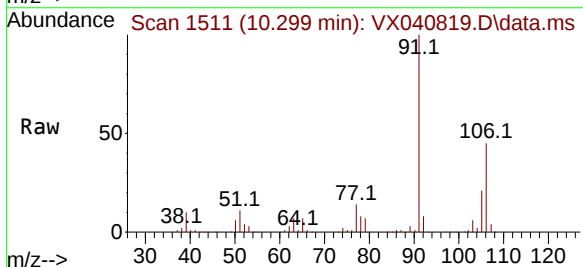
Acq: 28 Mar 2024 11:04

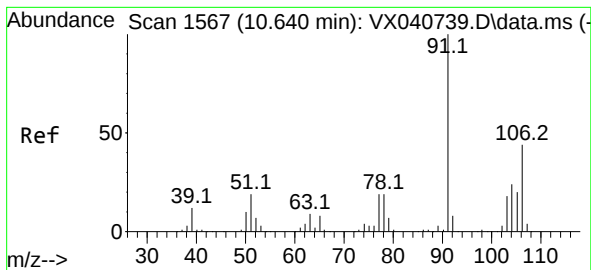
Tgt Ion:106 Resp: 99255

Ion Ratio Lower Upper

106 100

91 220.0 165.5 248.3





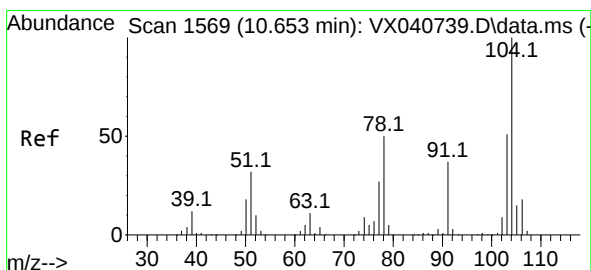
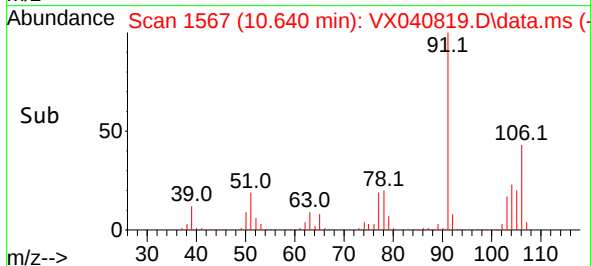
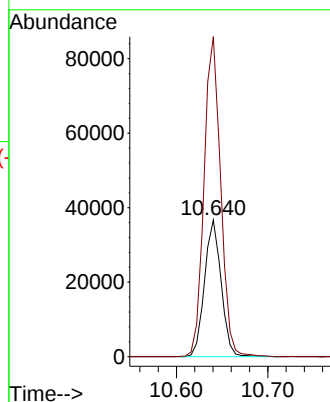
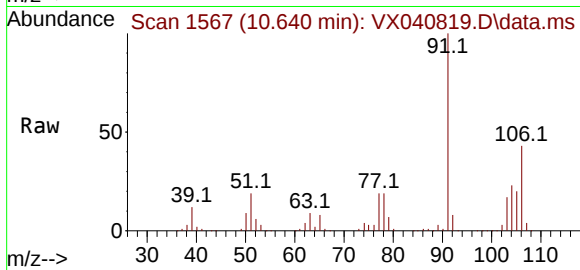
#69
o-Xylene
Concen: 48.817 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 46200
Ion Ratio Lower Upper
106 100
91 235.0 108.9 326.8

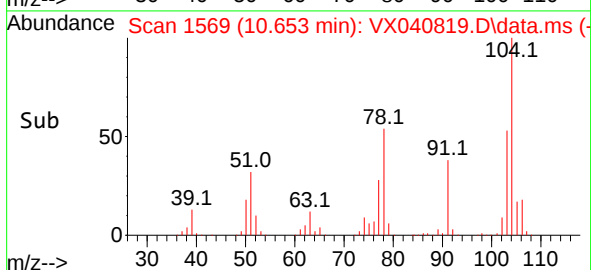
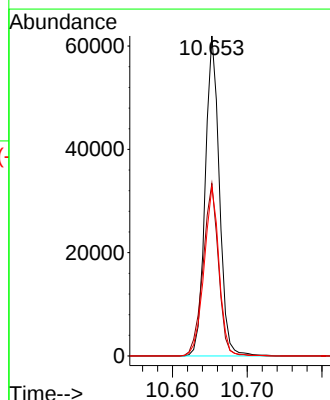
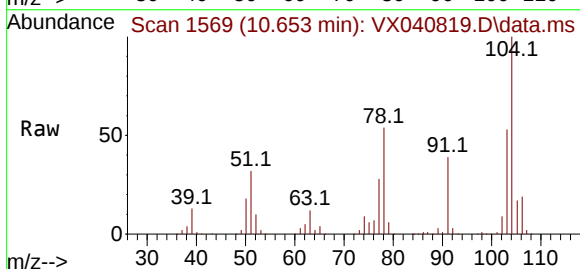
Manual Integrations
APPROVED

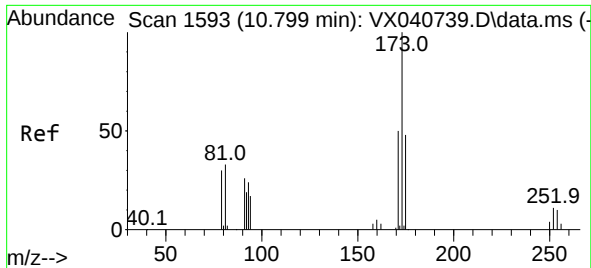
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#70
Styrene
Concen: 51.430 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

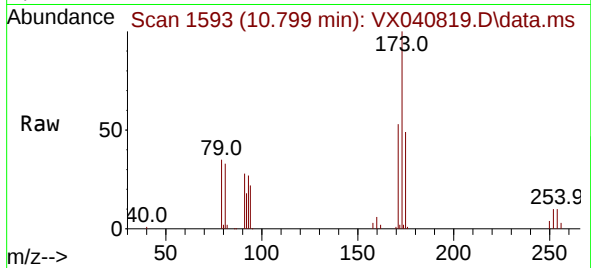
Tgt Ion:104 Resp: 81490
Ion Ratio Lower Upper
104 100
78 58.6 43.6 65.4
103 56.4 43.6 65.4





#71
Bromoform
Concen: 54.288 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

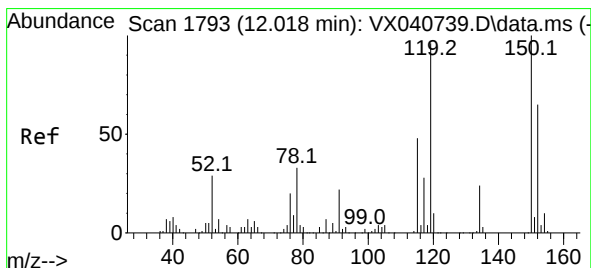
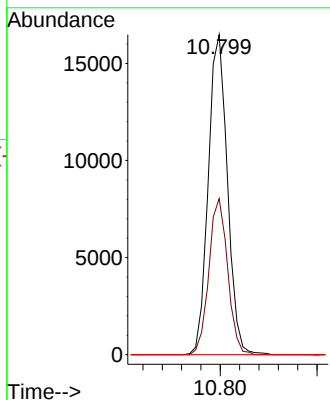
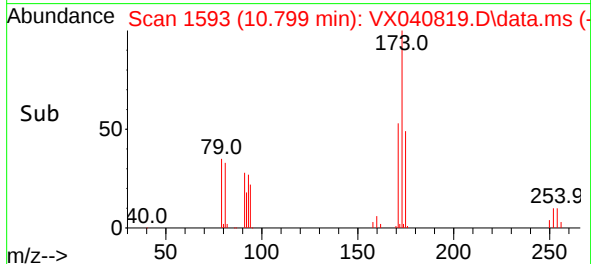
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 2267
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0

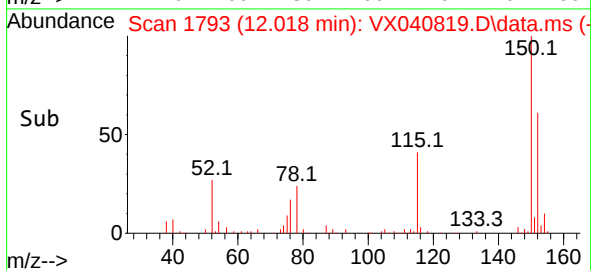
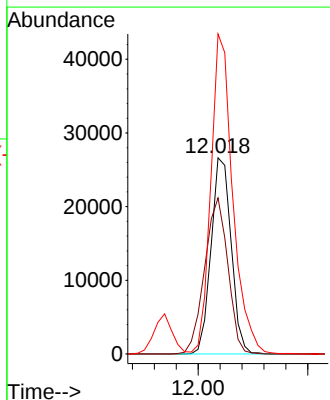
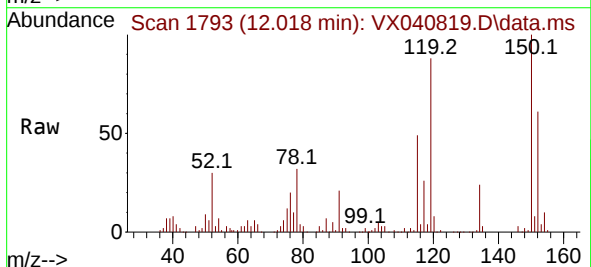
Manual Integrations
APPROVED

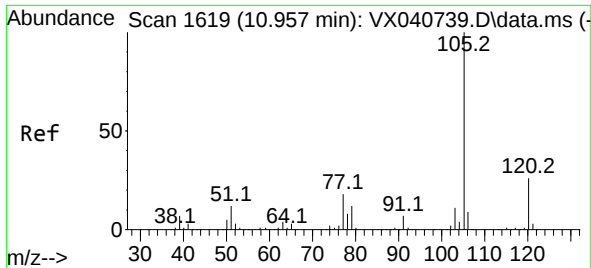
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion:152 Resp: 33953
Ion Ratio Lower Upper
152 100
115 91.8 43.3 129.9
150 177.4 0.0 345.0





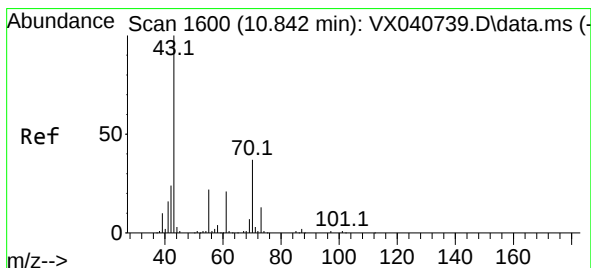
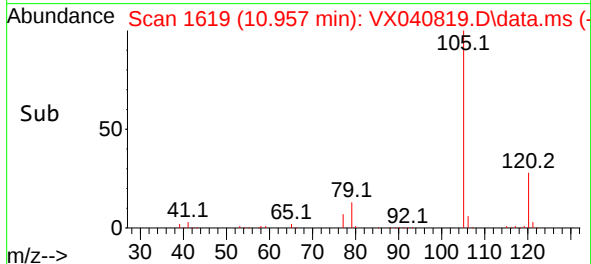
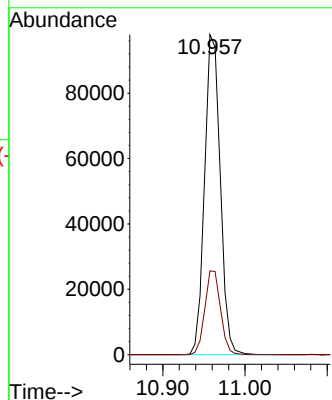
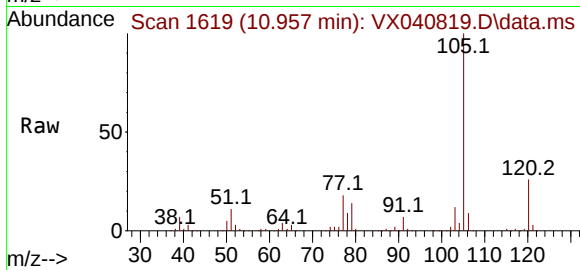
#73
Isopropylbenzene
Concen: 50.384 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 12980
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

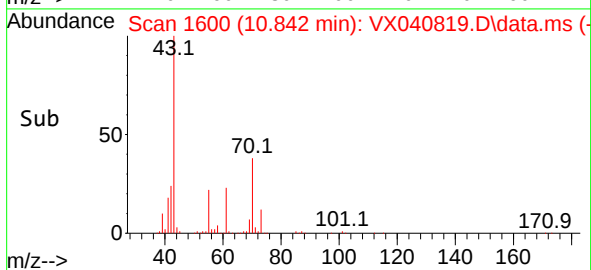
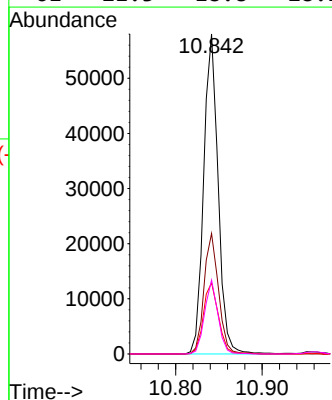
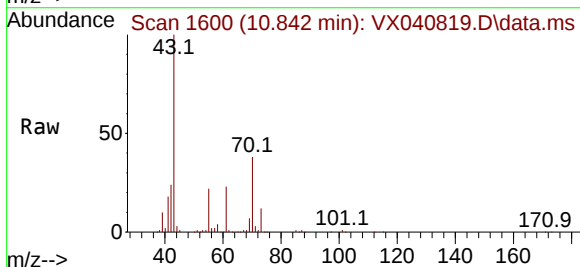
Manual Integrations
APPROVED

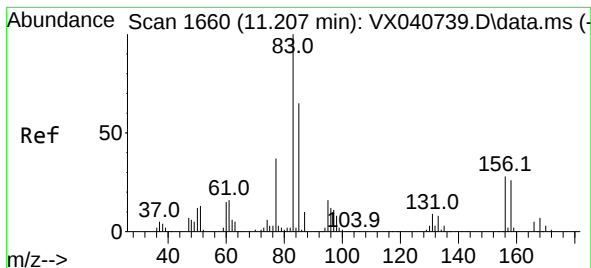
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#74
N-ethyl acetate
Concen: 53.059 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

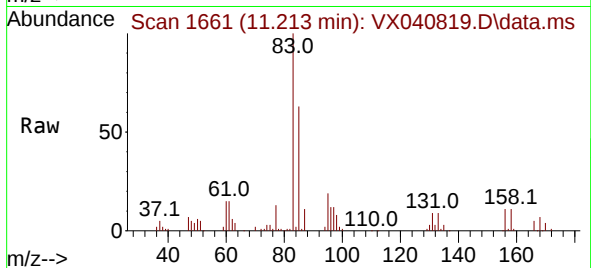
Tgt Ion: 43 Resp: 67302
Ion Ratio Lower Upper
43 100
70 37.7 32.9 49.3
55 23.2 19.3 28.9
61 21.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.329 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

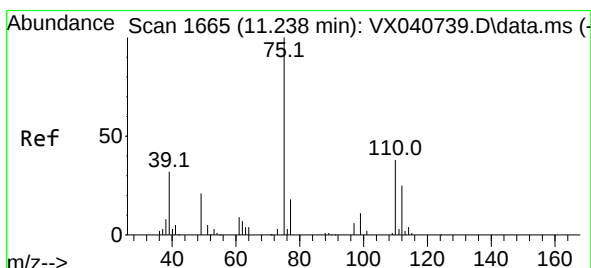
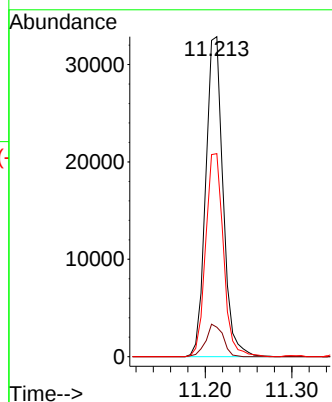
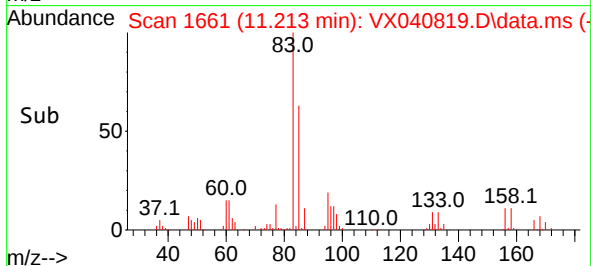
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 45639
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.9 32.0 96.2

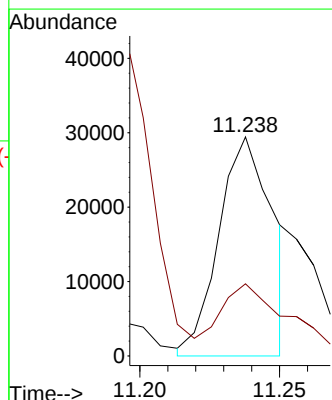
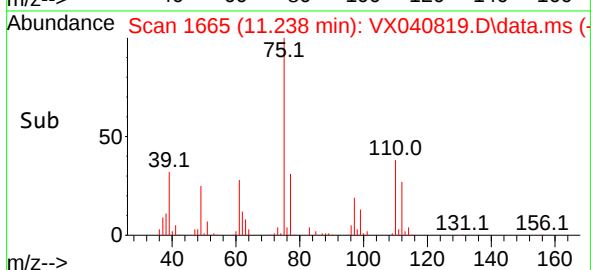
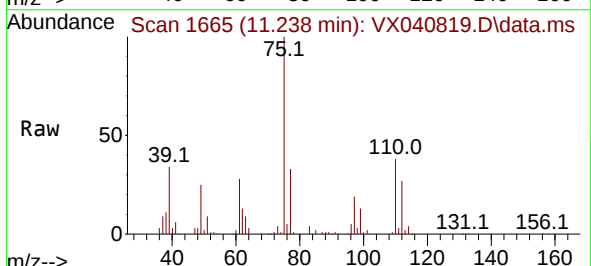
Manual Integrations
APPROVED

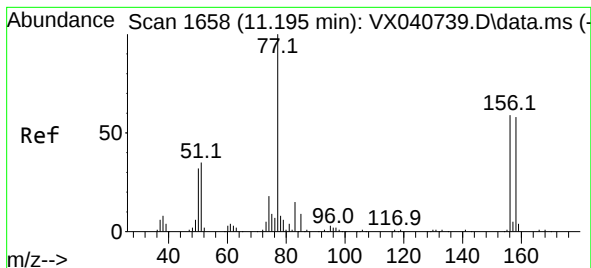
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#76
1,2,3-Trichloropropane
Concen: 53.702 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion: 75 Resp: 39215
Ion Ratio Lower Upper
75 100
77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 50.600 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

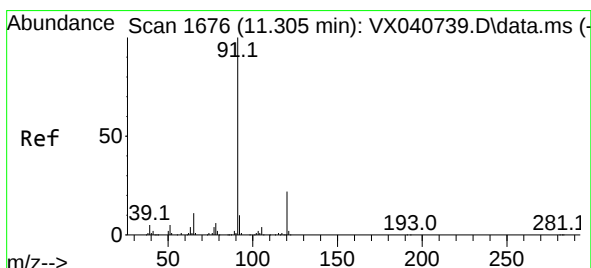
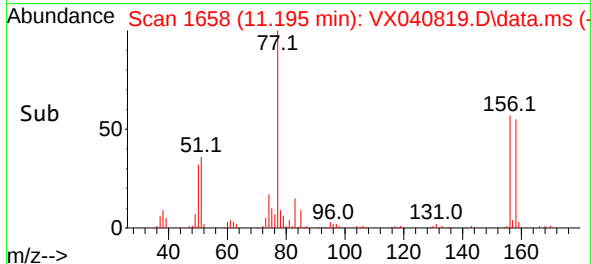
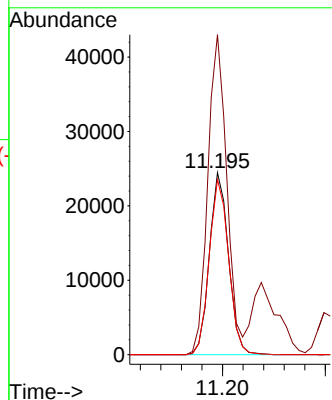
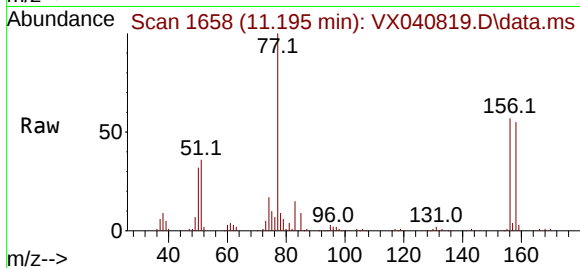
Tgt Ion:	156	Resp:	3155
Ion Ratio	Lower	Upper	
156	100		
77	174.5	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#78

n-propylbenzene

Concen: 52.263 ug/l

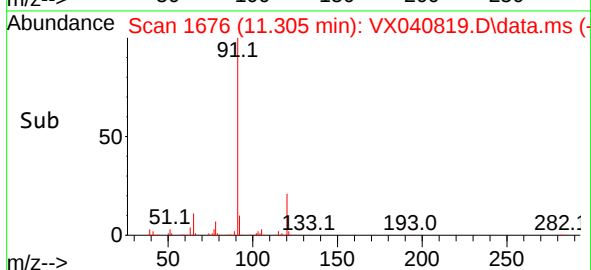
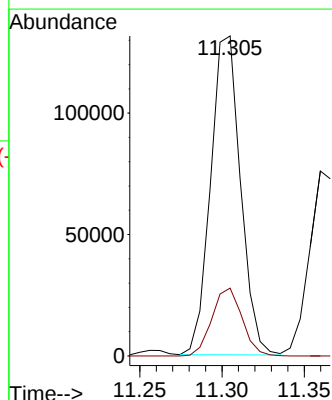
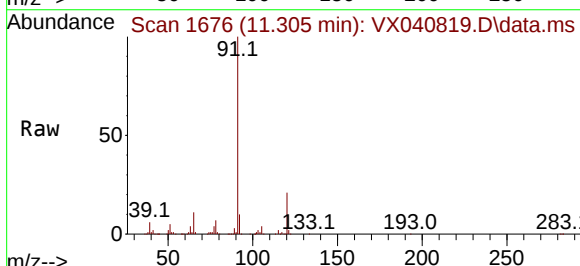
RT: 11.305 min Scan# 1676

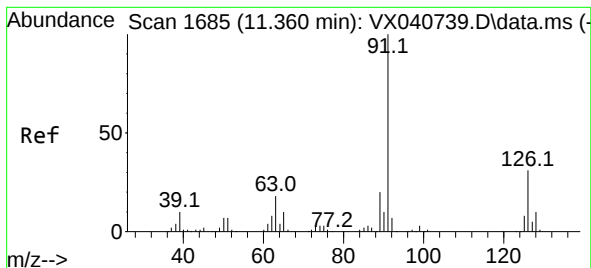
Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Tgt Ion:	91	Resp:	166015
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4





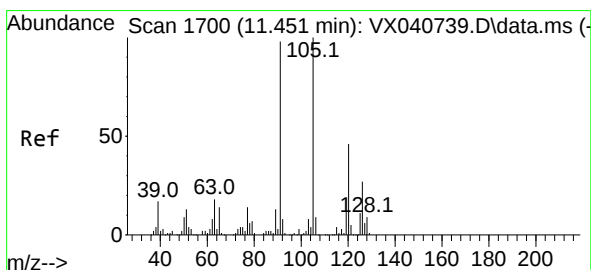
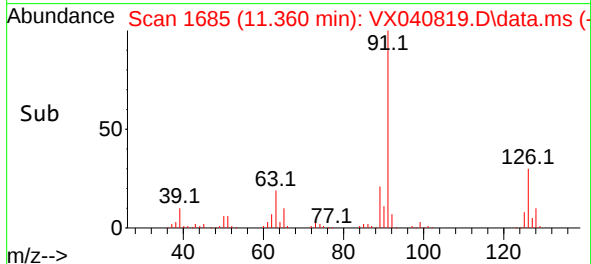
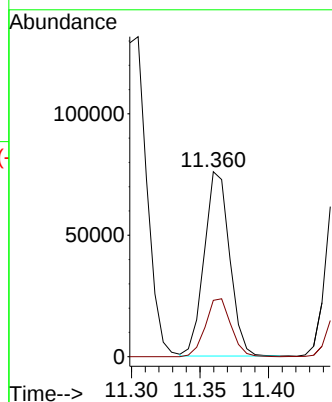
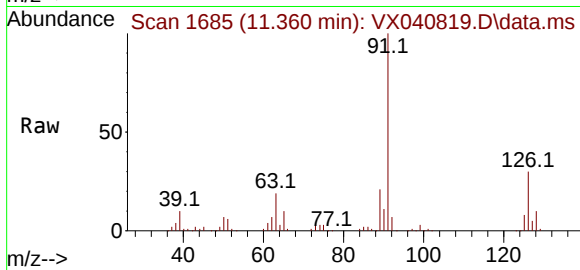
#79
2-Chlorotoluene
Concen: 53.469 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 98000
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

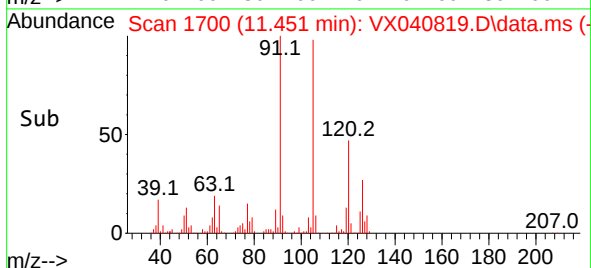
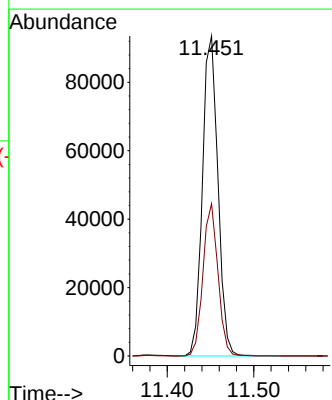
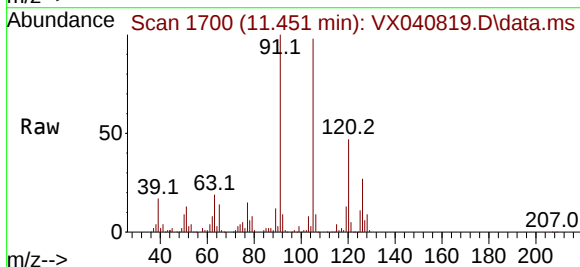
Manual Integrations
APPROVED

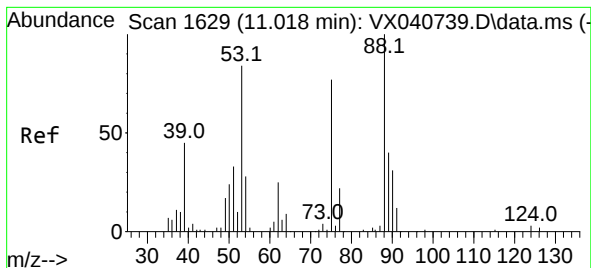
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.739 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Tgt Ion:105 Resp: 116062
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





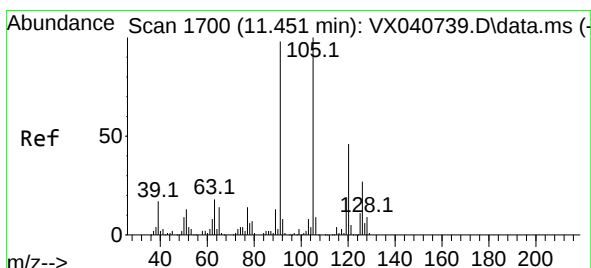
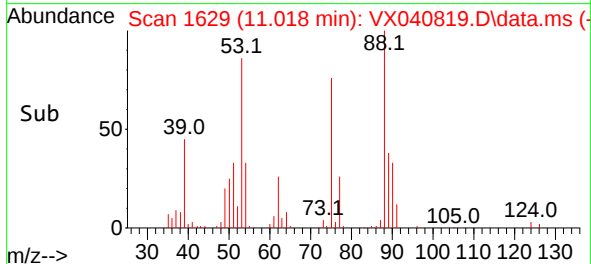
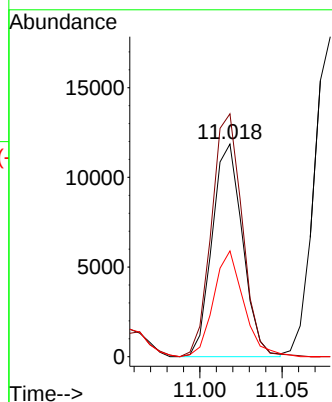
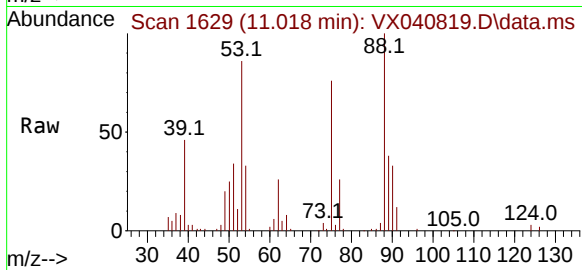
#81
trans-1,4-Dichloro-2-butene
Concen: 52.873 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 1526
Ion Ratio Lower Upper
75 100
53 115.4 90.5 135.7
89 49.2 36.9 55.3

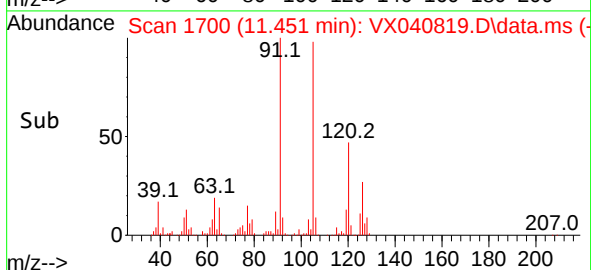
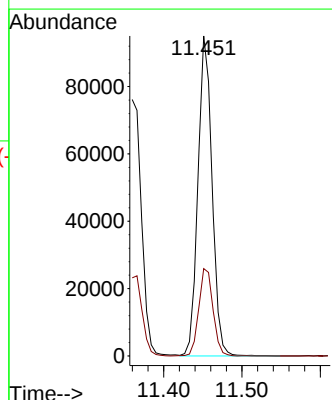
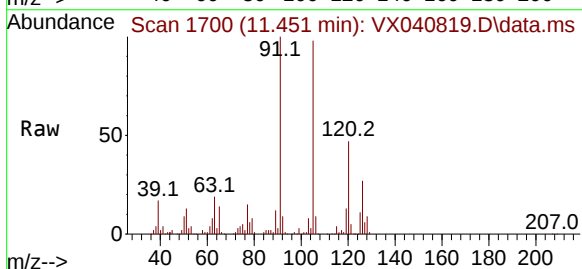
Manual Integrations
APPROVED

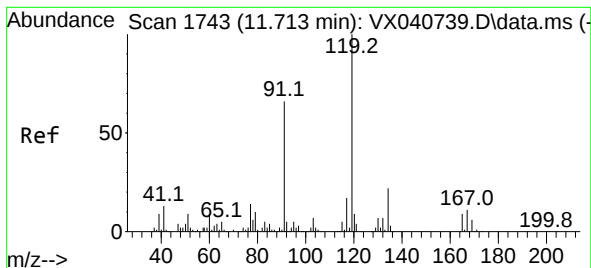
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#82
4-Chlorotoluene
Concen: 51.868 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

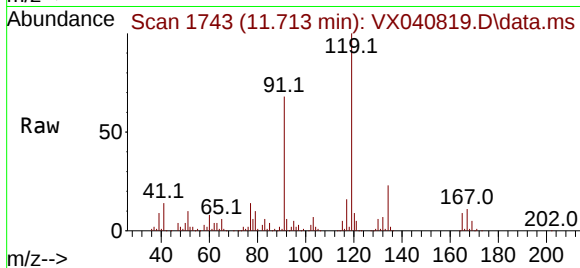
Tgt Ion: 91 Resp: 119240
Ion Ratio Lower Upper
91 100
126 27.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.275 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

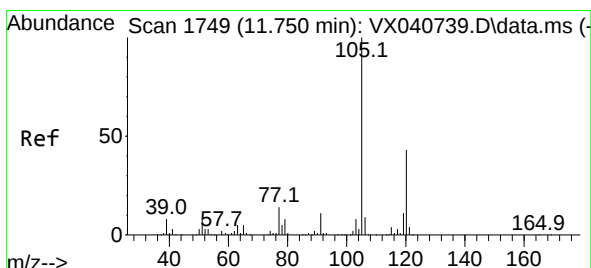
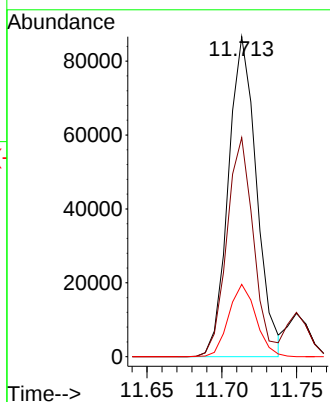
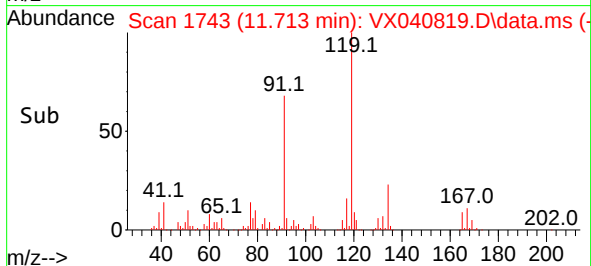
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



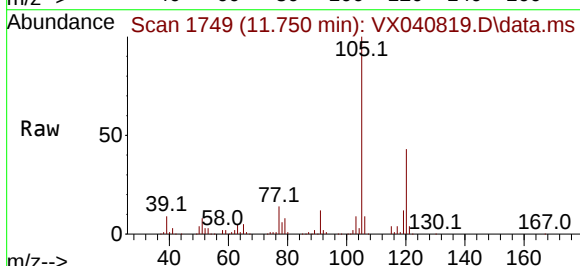
Tgt Ion:119 Resp: 113235
Ion Ratio Lower Upper
119 100
91 65.2 31.2 93.6
134 22.0 11.7 35.0

Manual Integrations
APPROVED

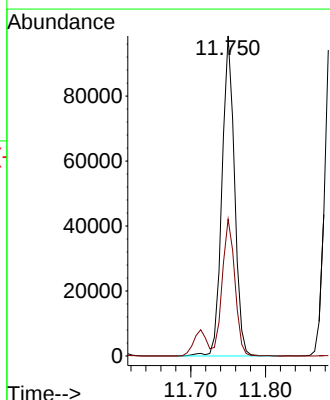
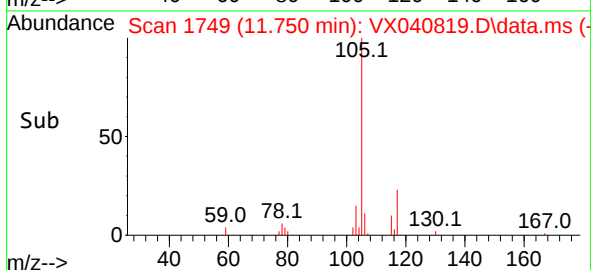
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

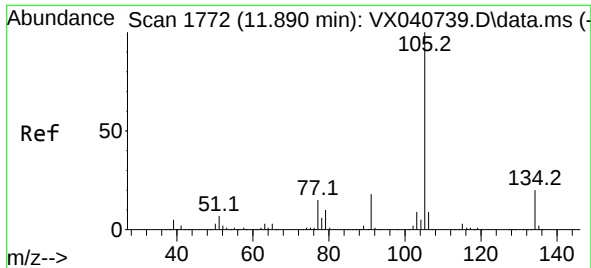


#84
1,2,4-Trimethylbenzene
Concen: 52.862 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04



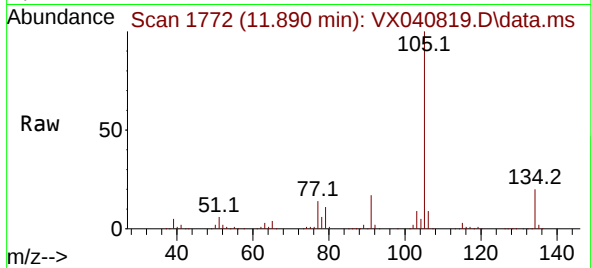
Tgt Ion:105 Resp: 114905
Ion Ratio Lower Upper
105 100
120 43.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.928 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040819.D
 Acq: 28 Mar 2024 11:04

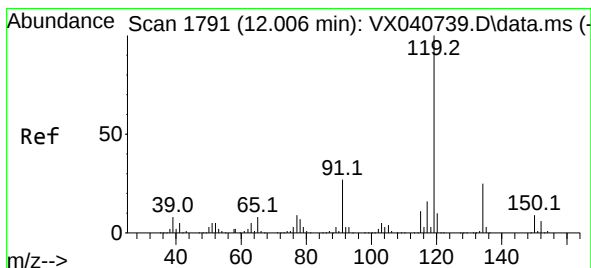
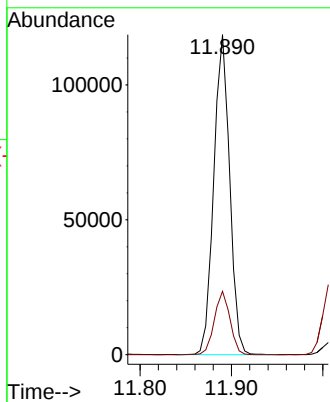
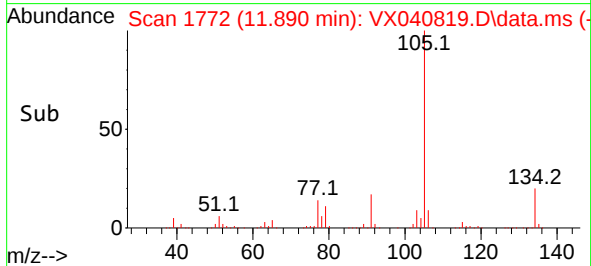
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



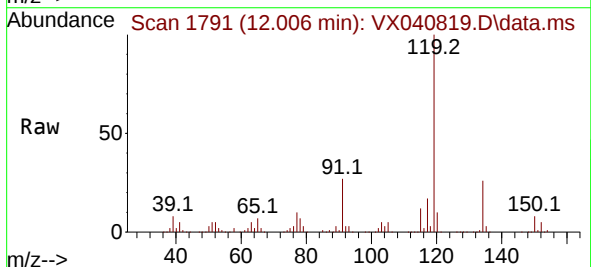
Tgt Ion:105 Resp: 143039
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

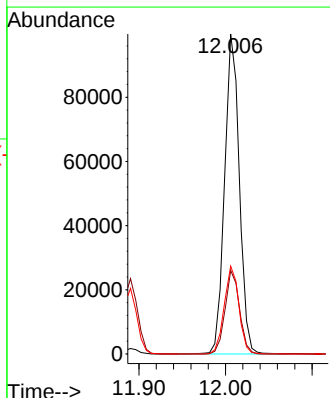
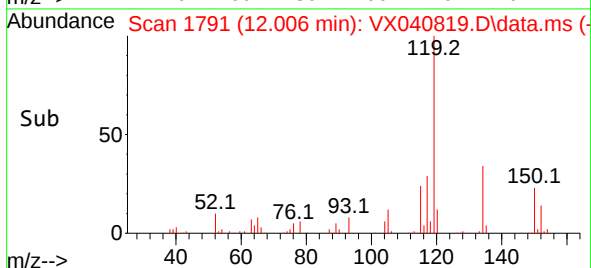
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024

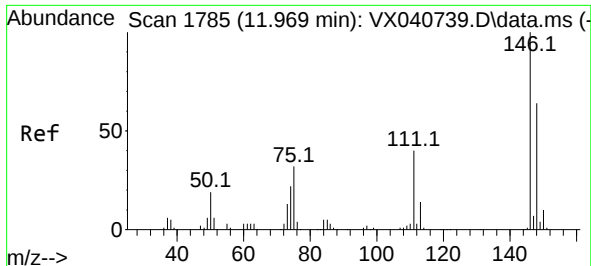


#86
 p-Isopropyltoluene
 Concen: 51.509 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040819.D
 Acq: 28 Mar 2024 11:04



Tgt Ion:119 Resp: 117653
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.975 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 6070

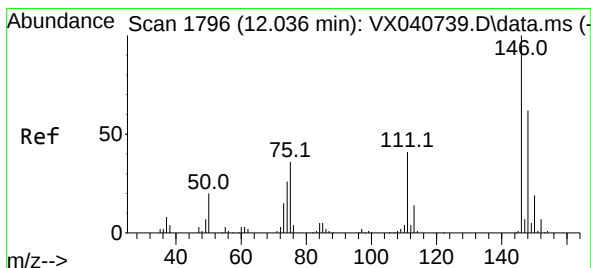
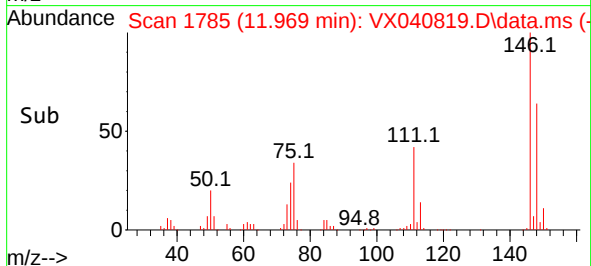
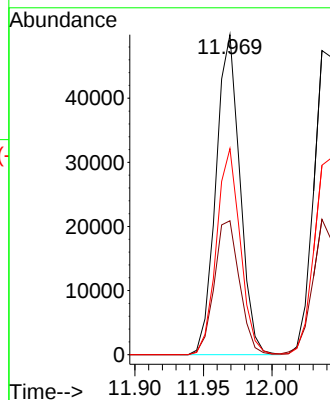
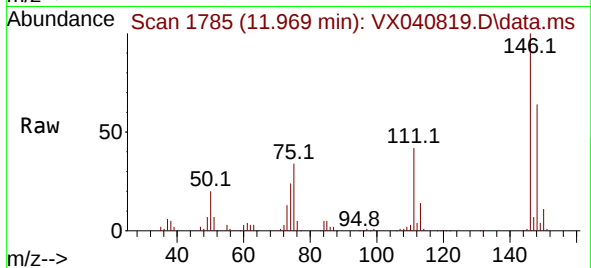
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.1
148	63.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#88

1,4-Dichlorobenzene

Concen: 48.051 ug/l

RT: 12.036 min Scan# 1796

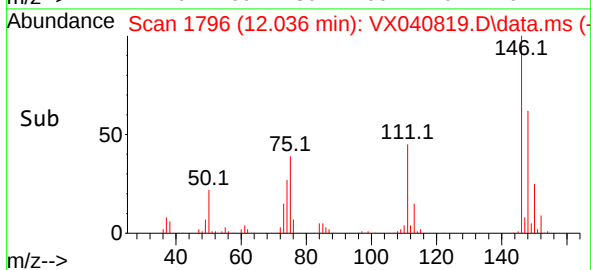
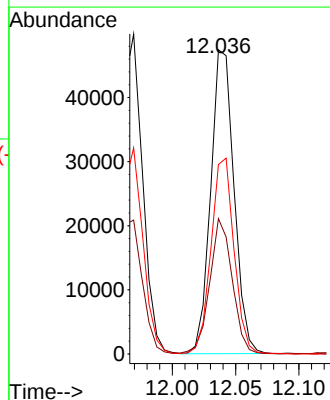
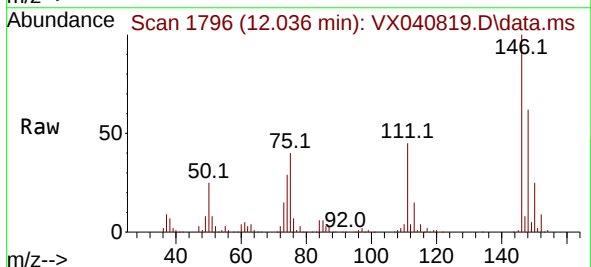
Delta R.T. -0.000 min

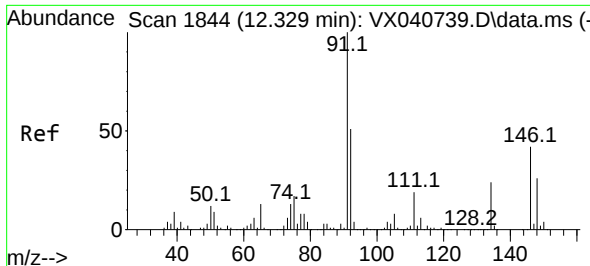
Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Tgt Ion:146 Resp: 60769

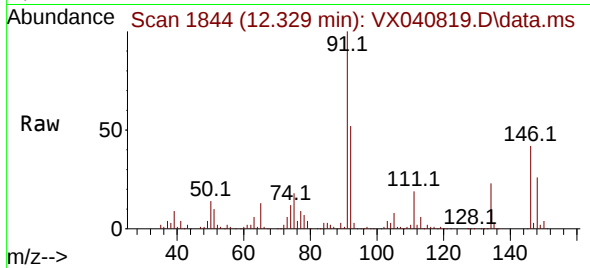
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.7
148	63.9	31.8	95.4





#89
n-Butylbenzene
Concen: 51.535 ug/l
RT: 12.329 min Scan# 118704
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

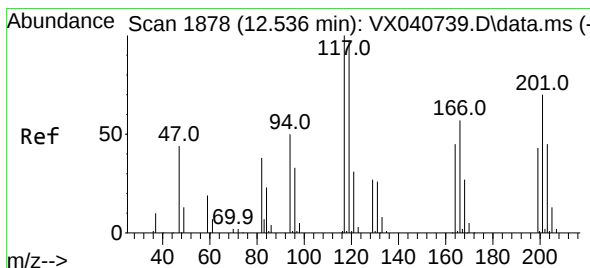
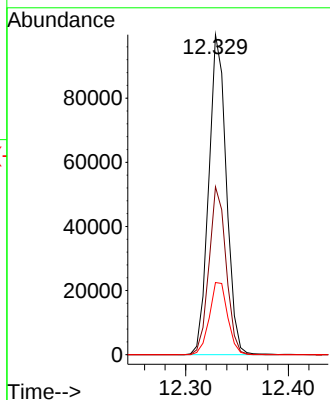
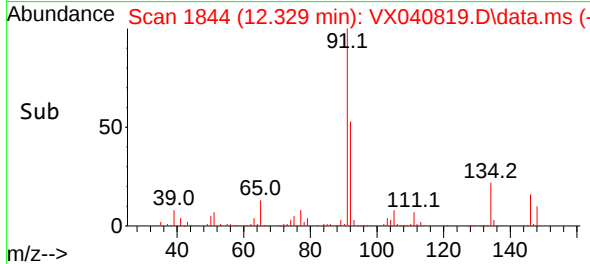
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 118704
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 23.5 12.6 37.8

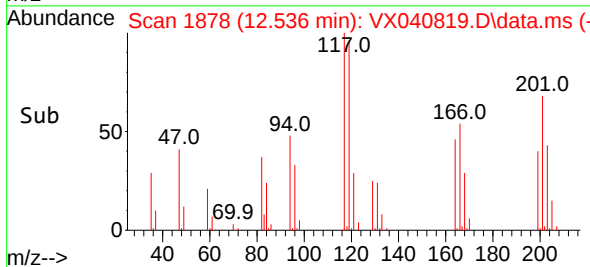
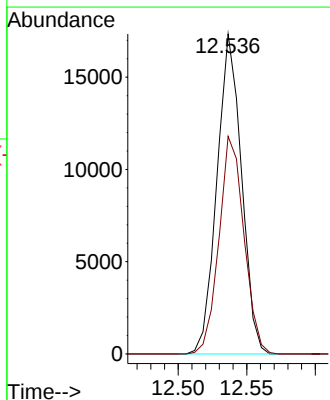
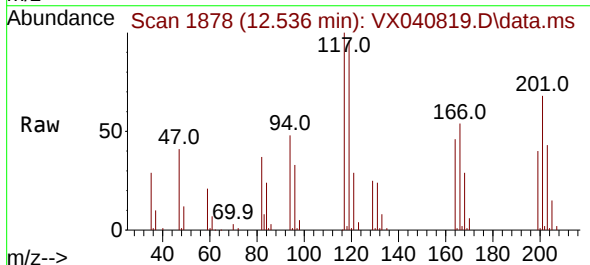
Manual Integrations
APPROVED

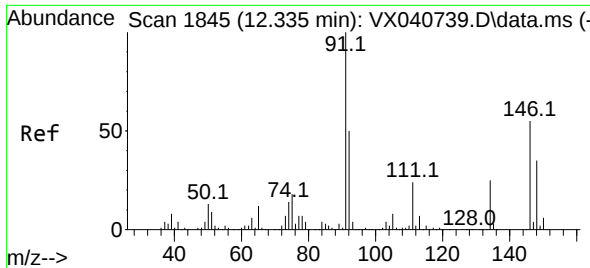
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#90
Hexachloroethane
Concen: 54.212 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

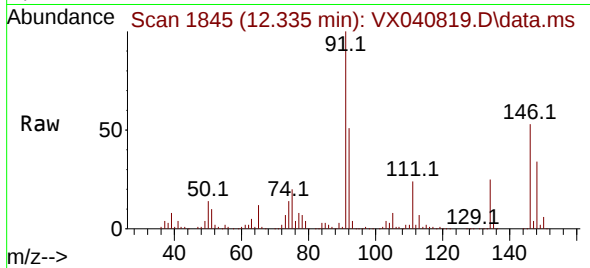
Tgt Ion:117 Resp: 21562
Ion Ratio Lower Upper
117 100
201 69.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.036 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

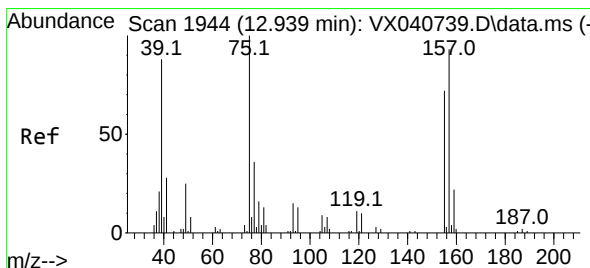
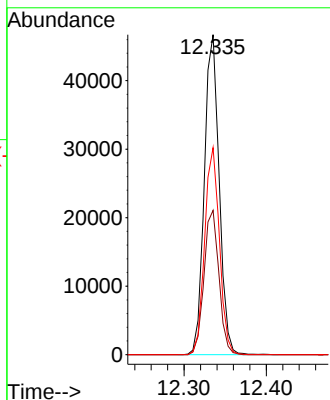
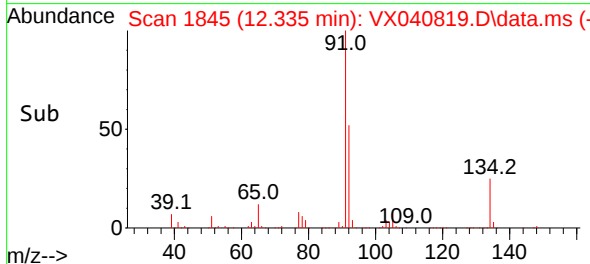
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



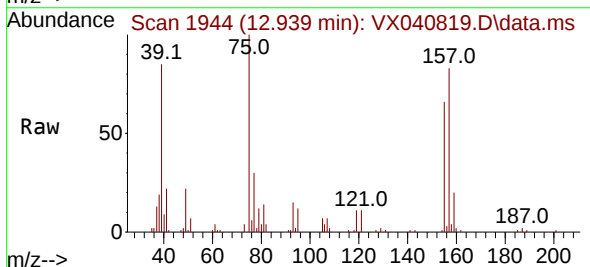
Tgt Ion:146 Resp: 58540
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
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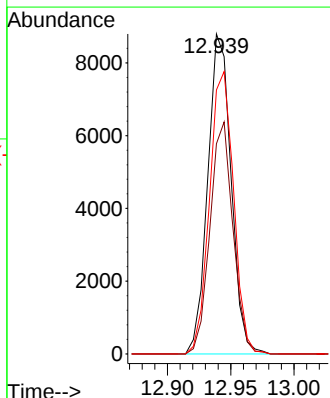
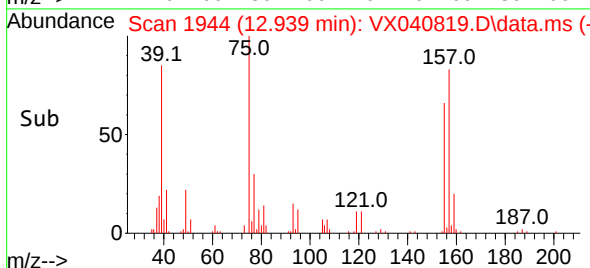
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

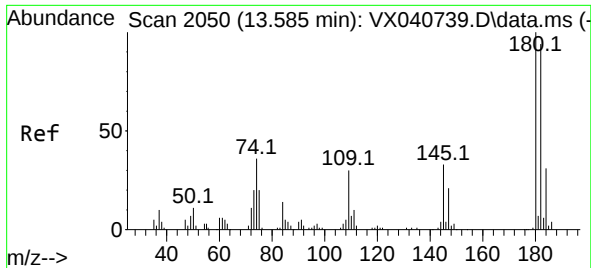


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.730 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04



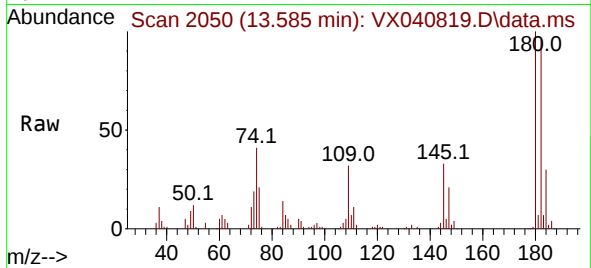
Tgt Ion: 75 Resp: 11265
Ion Ratio Lower Upper
75 100
155 71.5 36.1 108.5
157 91.0 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 49.887 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04

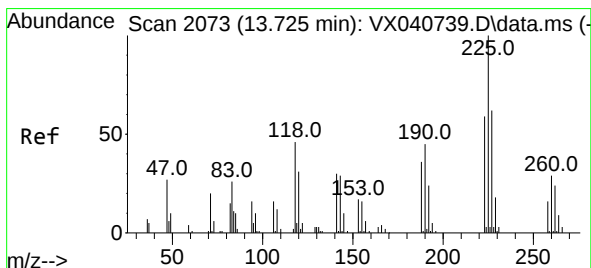
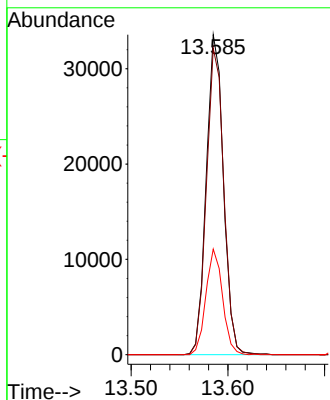
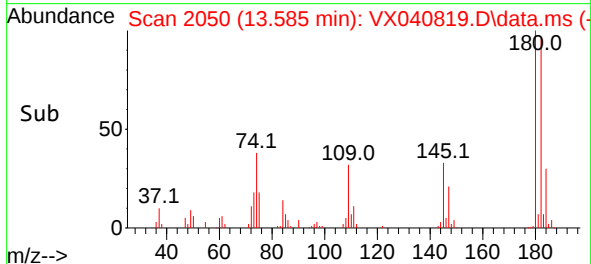
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



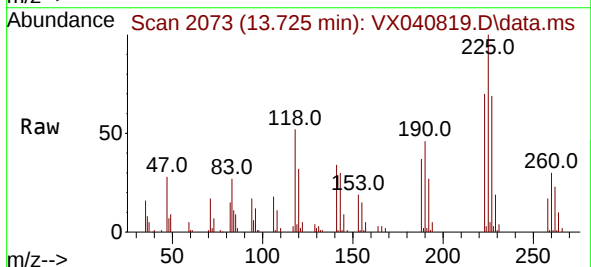
Tgt Ion:180 Resp: 4148
Ion Ratio Lower Upper
180 100
182 97.0 48.3 144.8
145 32.2 18.0 54.0

Manual Integrations
APPROVED

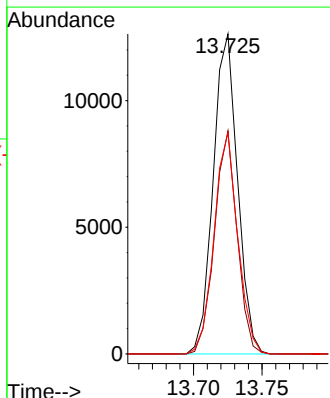
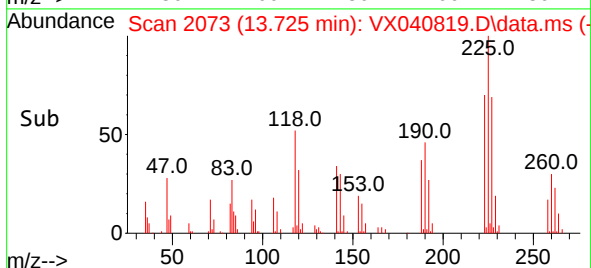
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

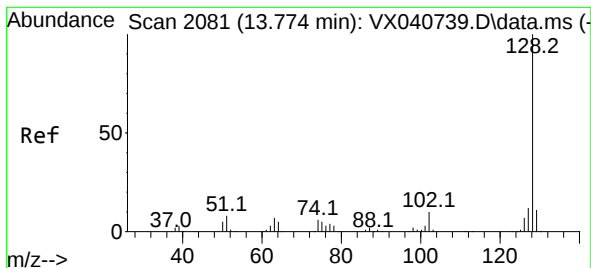


#94
Hexachlorobutadiene
Concen: 47.635 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040819.D
Acq: 28 Mar 2024 11:04



Tgt Ion:225 Resp: 15612
Ion Ratio Lower Upper
225 100
223 64.6 31.1 93.2
227 67.3 32.5 97.5





#95

Naphthalene

Concen: 52.174 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 137250

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

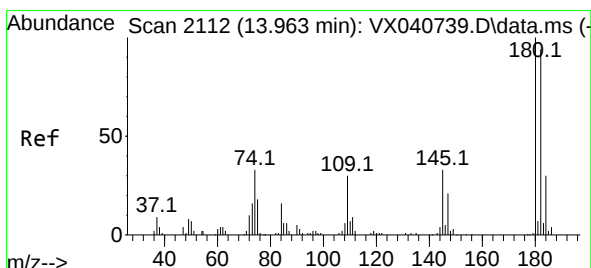
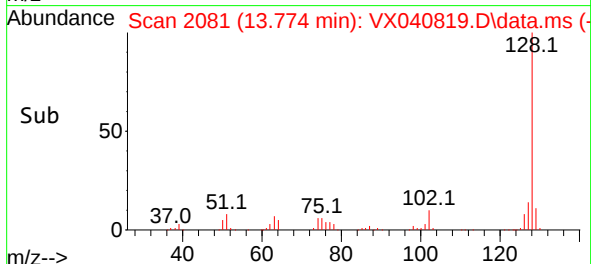
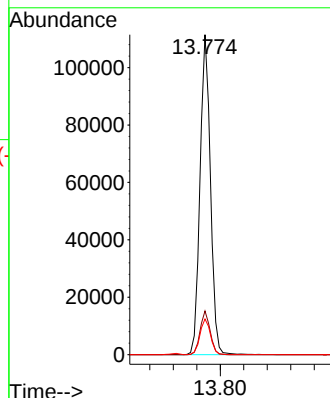
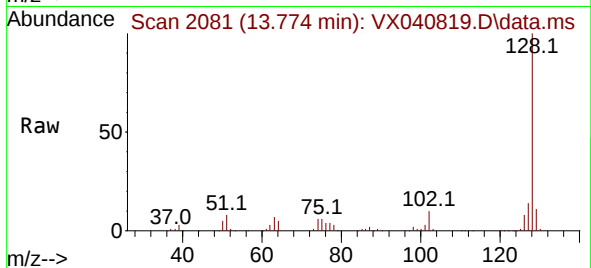
129 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.778 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040819.D

Acq: 28 Mar 2024 11:04

Tgt Ion:180 Resp: 40665

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 34.2 17.8 53.5

