

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071524\
 Data File : VX042315.D
 Acq On : 15 Jul 2024 09:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 05:37:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	155627	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	220681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91748	51.125	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.260%			
35) Dibromofluoromethane	5.379	113	89629	57.240	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.480%			
50) Toluene-d8	8.647	98	287049	52.182	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.360%			
62) 4-Bromofluorobenzene	11.079	95	115726	57.071	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62937	53.083	ug/l	99
3) Chloromethane	1.301	50	66643	44.805	ug/l	96
4) Vinyl Chloride	1.374	62	64715	43.404	ug/l	100
5) Bromomethane	1.593	94	35182	47.785	ug/l	96
6) Chloroethane	1.660	64	32640	52.838	ug/l	98
7) Trichlorofluoromethane	1.868	101	103600	53.034	ug/l	99
8) Diethyl Ether	2.136	74	43103	47.006	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.313	101	69256	51.467	ug/l #	85
10) Methyl Iodide	2.441	142	78324	46.830	ug/l #	86
11) Tert butyl alcohol	3.002	59	85586	251.295	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	65555	48.838	ug/l	81
13) Acrolein	2.239	56	84099	220.284	ug/l	98
14) Allyl chloride	2.654	41	99721	46.844	ug/l	87
15) Acrylonitrile	3.069	53	234745	263.878	ug/l	98
16) Acetone	2.392	43	190907	242.268	ug/l #	86
17) Carbon Disulfide	2.495	76	136648	49.928	ug/l	99
18) Methyl Acetate	2.709	43	110084	51.211	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	241607	54.483	ug/l	99
20) Methylene Chloride	2.782	84	78698	45.610	ug/l	87
21) trans-1,2-Dichloroethene	3.081	96	68082	49.976	ug/l	85
22) Diisopropyl ether	3.764	45	223825	49.742	ug/l	85
23) Vinyl Acetate	3.721	43	1028218	267.567	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	125903	49.964	ug/l	97
25) 2-Butanone	4.568	43	322994	263.468	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	99557	54.558	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	88042	51.600	ug/l	85
28) Bromochloromethane	4.898	49	44757	41.469	ug/l #	67
29) Tetrahydrofuran	5.013	42	206522	260.843	ug/l	91
30) Chloroform	5.087	83	134850	51.366	ug/l	96
31) Cyclohexane	5.458	56	100197	47.742	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	113932	51.937	ug/l	94
36) 1,1-Dichloropropene	5.684	75	83566	50.257	ug/l	93
37) Ethyl Acetate	4.721	43	121287	55.995	ug/l	97
38) Carbon Tetrachloride	5.666	117	100133	54.504	ug/l	99
39) Methylcyclohexane	7.373	83	111525	53.034	ug/l	90
40) Benzene	6.031	78	288247	51.400	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	64248	54.719	ug/l	91
42) 1,2-Dichloroethane	6.080	62	95641	52.946	ug/l	90
43) Isopropyl Acetate	6.342	43	179851	54.095	ug/l #	93
44) Trichloroethene	7.123	130	80084	53.275	ug/l	87
45) 1,2-Dichloropropane	7.428	63	72654	52.689	ug/l	99
46) Dibromomethane	7.580	93	54963	54.706	ug/l #	73
47) Bromodichloromethane	7.818	83	102637	55.641	ug/l	95
48) Methyl methacrylate	7.696	41	87482	55.134	ug/l #	84
49) 1,4-Dioxane	7.665	88	44287	1053.749	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	619720	270.595	ug/l	93
52) Toluene	8.714	92	188208	52.703	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106970	54.612	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	117323	58.094	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	82518	55.468	ug/l	98
56) Ethyl methacrylate	9.116	69	131198	56.689	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	129892	54.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	300351	278.486	ug/l	90
59) 2-Hexanone	9.433	43	483242	275.492	ug/l	91
60) Dibromochloromethane	9.519	129	96956	59.999	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87246	56.550	ug/l	100
64) Tetrachloroethene	9.275	164	79589	52.903	ug/l	90
65) Chlorobenzene	10.079	112	223308	51.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	84236	55.988	ug/l	99
67) Ethyl Benzene	10.195	91	352086	52.280	ug/l	97
68) m/p-Xylenes	10.299	106	289851	106.618	ug/l	90
69) o-Xylene	10.640	106	144298	53.612	ug/l	91
70) Styrene	10.653	104	247812	54.907	ug/l	94
71) Bromoform	10.799	173	81262	55.607	ug/l #	98
73) Isopropylbenzene	10.964	105	366533	51.132	ug/l	96
74) N-amyl acetate	10.842	43	159751	50.170	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	133718	50.168	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	107899m	50.414	ug/l	
77) Bromobenzene	11.195	156	110005	51.526	ug/l	76
78) n-propylbenzene	11.305	91	400931	51.547	ug/l	94
79) 2-Chlorotoluene	11.366	91	251387	50.165	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	311071	52.099	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	41023	54.434	ug/l #	84
82) 4-Chlorotoluene	11.451	91	286205	51.664	ug/l	91
83) tert-Butylbenzene	11.713	119	331478	50.596	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	316913	52.905	ug/l	93
85) sec-Butylbenzene	11.890	105	389750	52.596	ug/l	94
86) p-Isopropyltoluene	12.006	119	350326	54.120	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	196096	52.256	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	195833	50.862	ug/l	95
89) n-Butylbenzene	12.335	91	272405	54.668	ug/l	97
90) Hexachloroethane	12.536	117	57575	52.243	ug/l #	54
91) 1,2-Dichlorobenzene	12.335	146	199355	51.917	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28587	54.120	ug/l #	42
93) 1,2,4-Trichlorobenzene	13.585	180	140339	55.791	ug/l	95
94) Hexachlorobutadiene	13.725	225	68445	53.809	ug/l	99
95) Naphthalene	13.774	128	433907	51.315	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	145242	54.747	ug/l	95

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VSTDCCC050

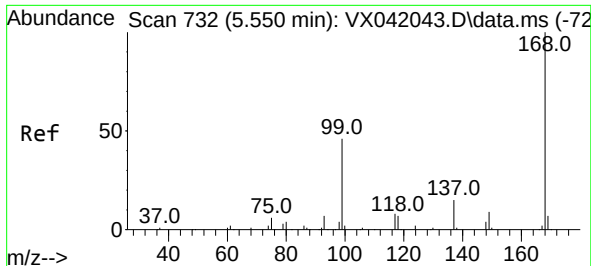
Manual Integrations
APPROVED

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Response via : Initial Calibration

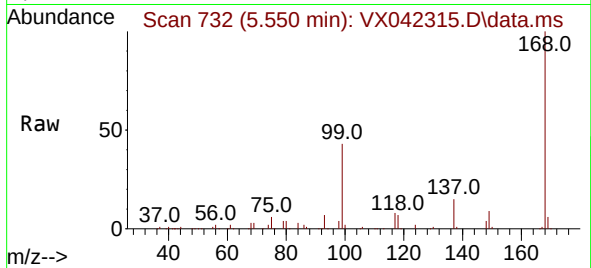
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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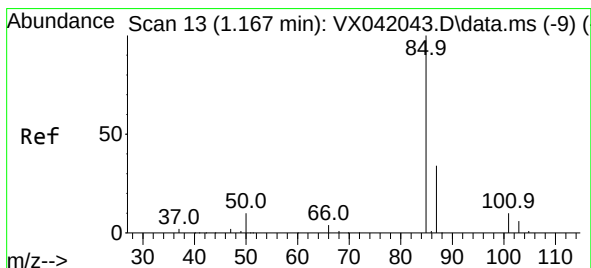
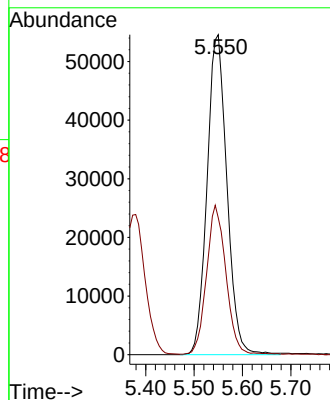
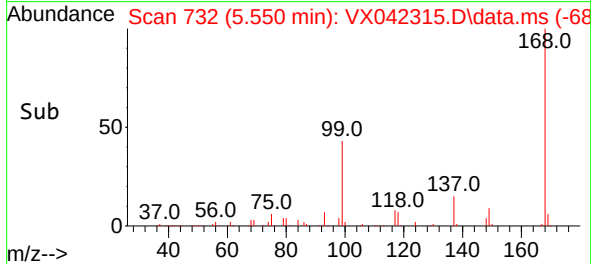
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 15562
Ion Ratio Lower Upper
168 100
99 42.6 56.6 85.0

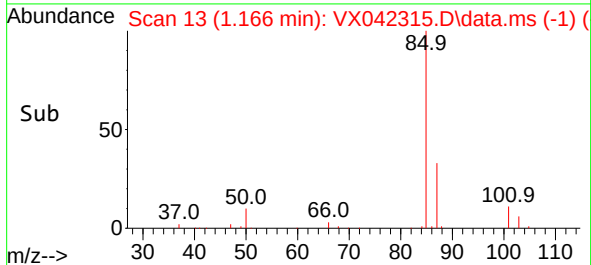
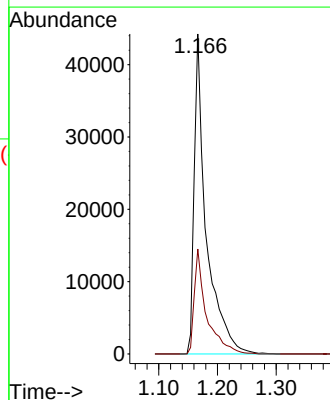
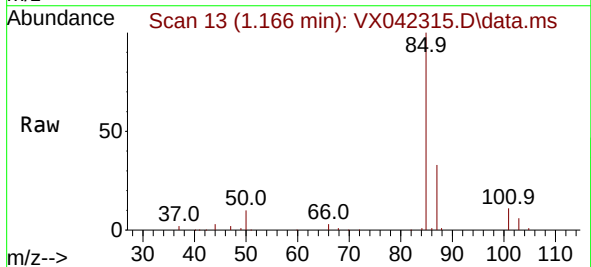
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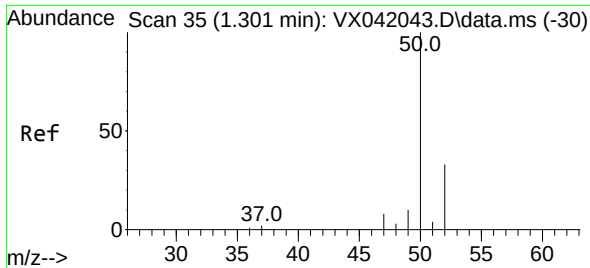
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#2
Dichlorodifluoromethane
Concen: 53.083 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 85 Resp: 62937
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





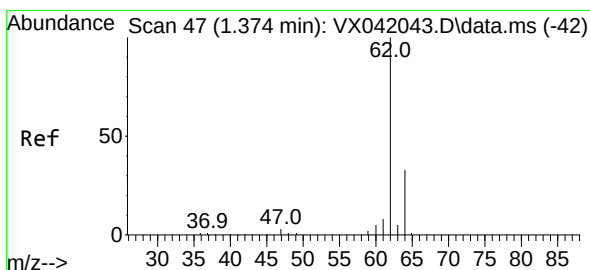
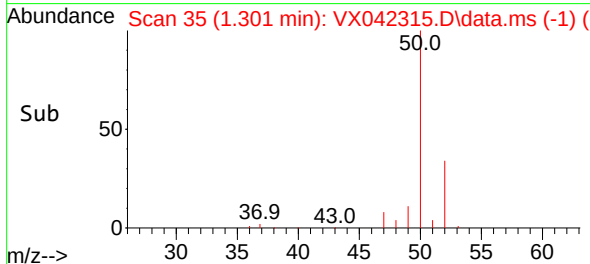
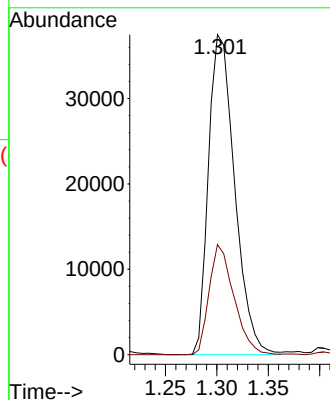
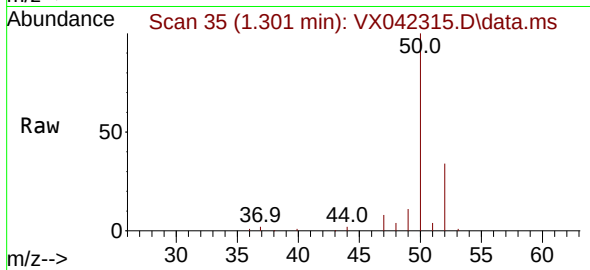
#3
Chloromethane
Concen: 44.805 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

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Tgt Ion: 50 Resp: 6664
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3

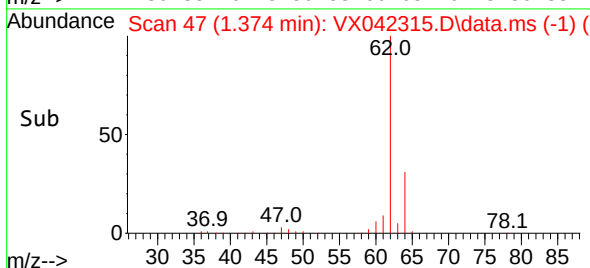
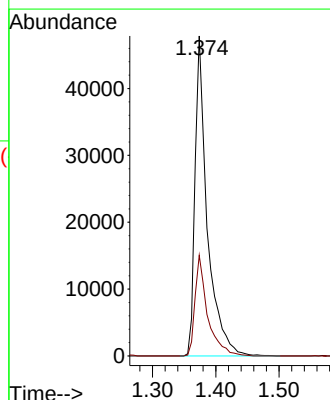
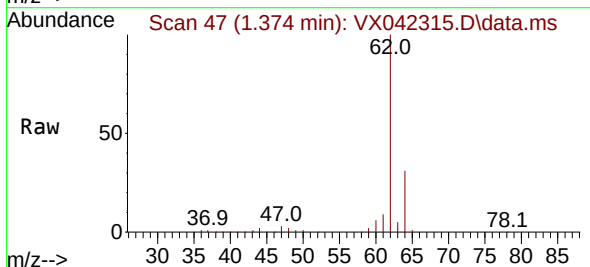
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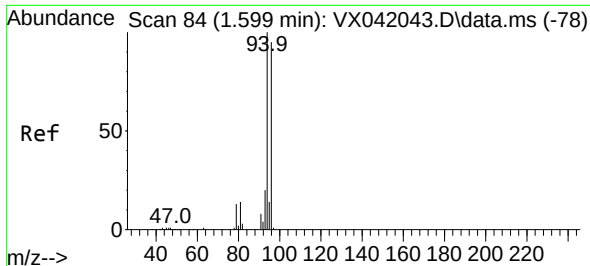
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#4
Vinyl Chloride
Concen: 43.404 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

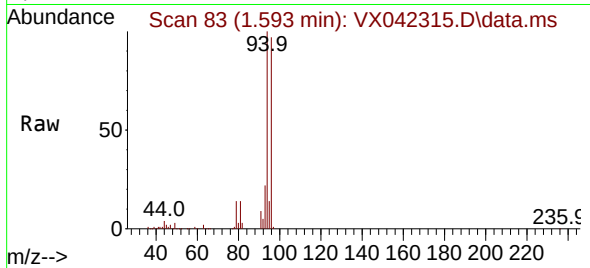
Tgt Ion: 62 Resp: 64715
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 47.785 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

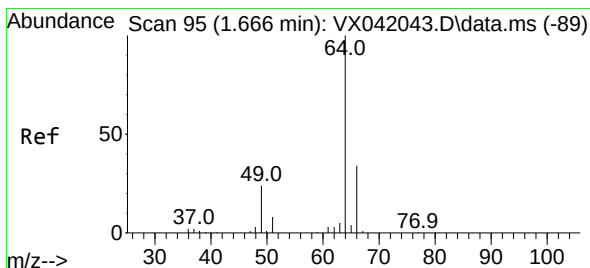
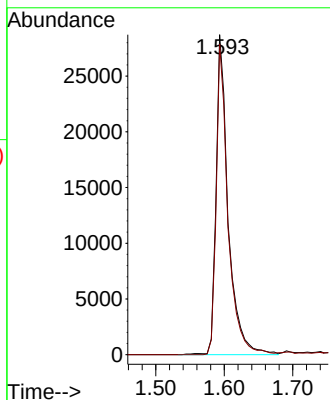
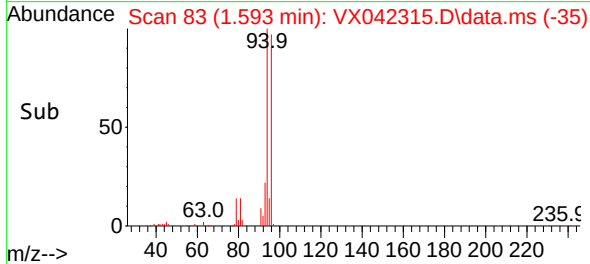
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 3518
Ion Ratio Lower Upper
94 100
96 97.1 74.6 111.8

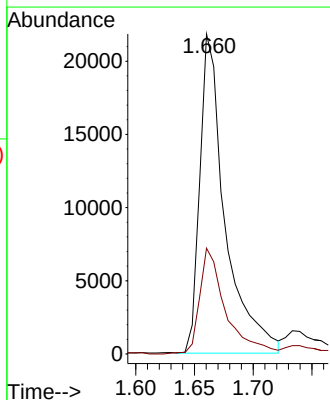
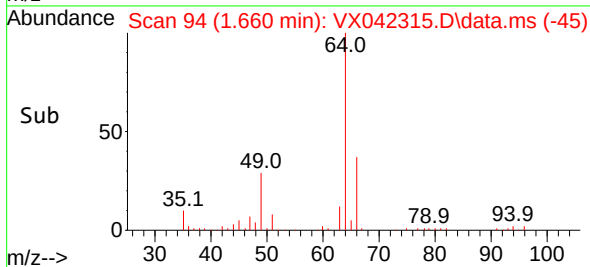
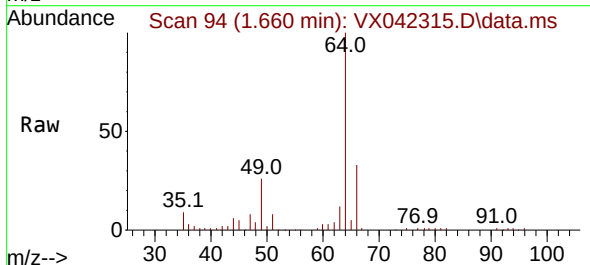
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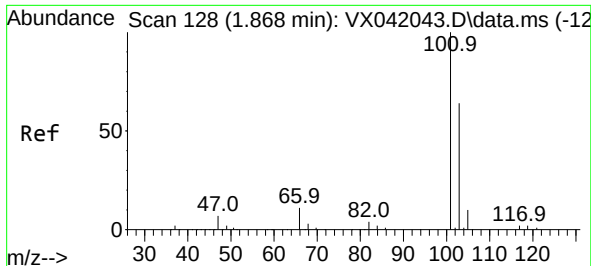
Reviewed By :John Carlone 07/16/2024
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#6
Chloroethane
Concen: 52.838 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

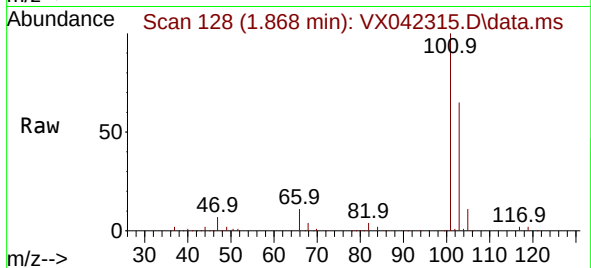
Tgt Ion: 64 Resp: 32640
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 53.034 ug/l
RT: 1.868 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX042315.D
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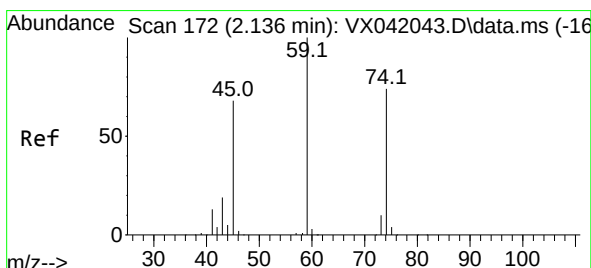
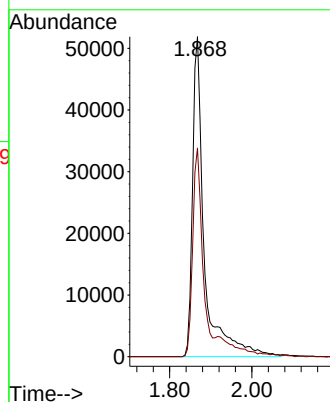
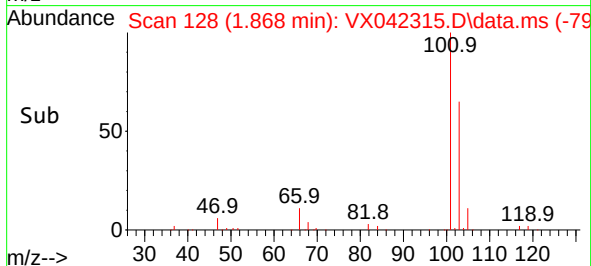
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 103600
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

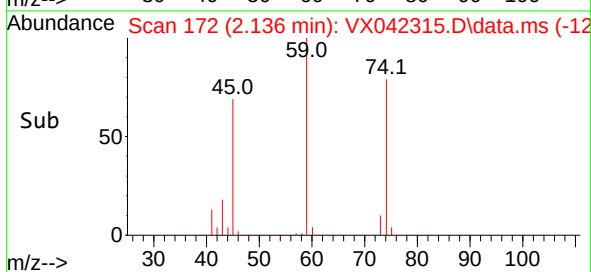
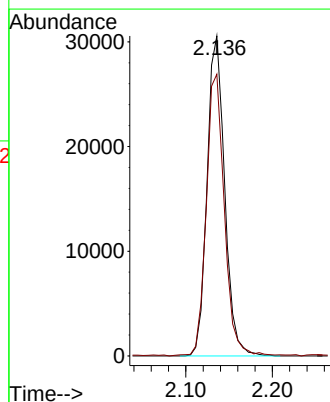
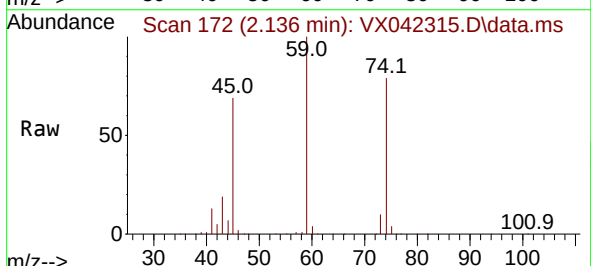
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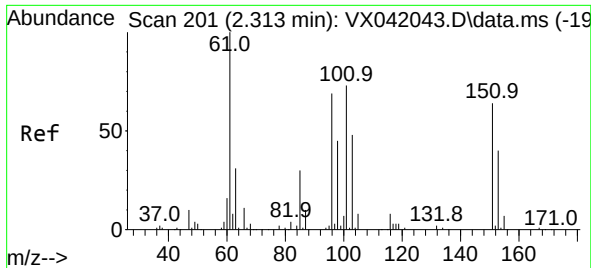
Reviewed By :John Carlone 07/16/2024
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#8
Diethyl Ether
Concen: 47.006 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 74 Resp: 43103
Ion Ratio Lower Upper
74 100
45 90.9 53.3 159.8





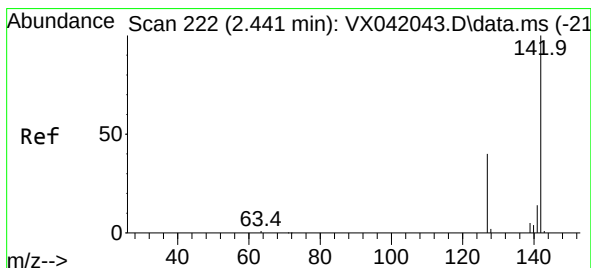
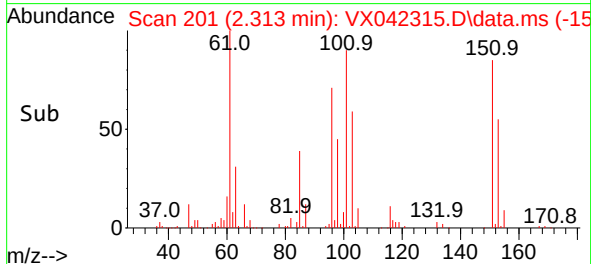
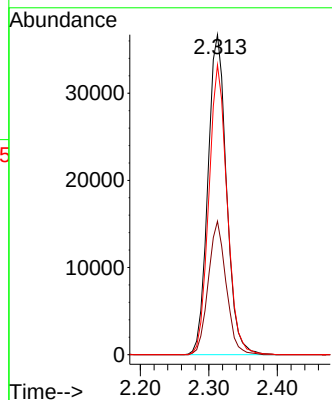
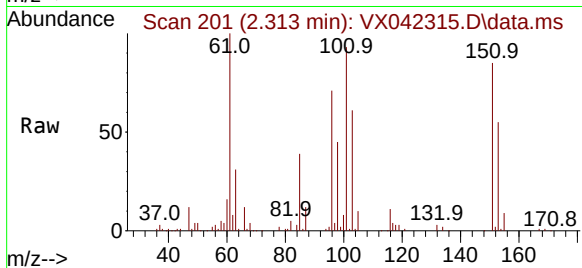
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1,1,2-Trichlorotrifluoroethane
Concen: 51.467 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042315.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 69250
Ion Ratio Lower Upper
101 100
85 40.1 37.0 55.6
151 89.0 58.6 87.8

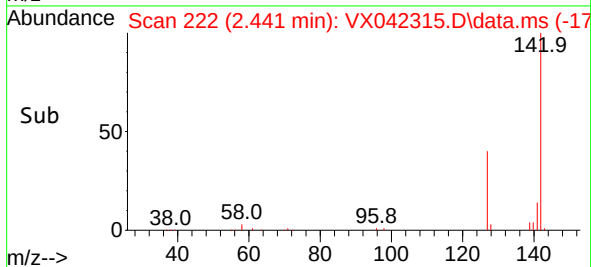
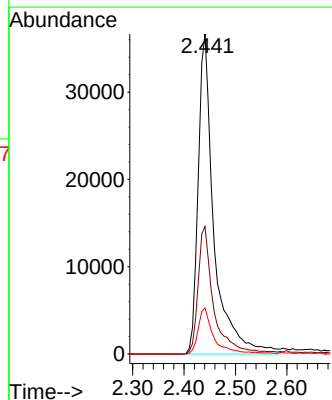
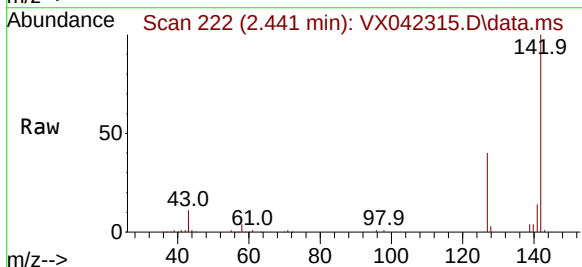
Manual Integrations
APPROVED

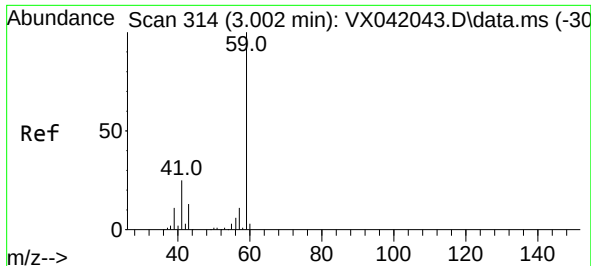
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#10
Methyl Iodide
Concen: 46.830 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

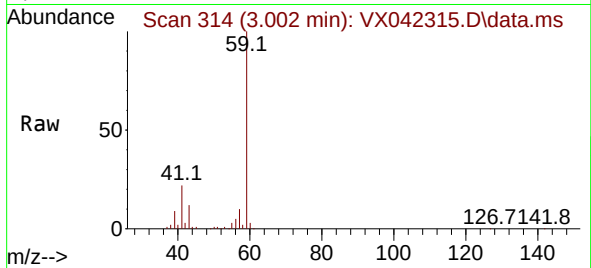
Tgt Ion:142 Resp: 78324
Ion Ratio Lower Upper
142 100
127 39.4 41.6 62.4#
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 251.295 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

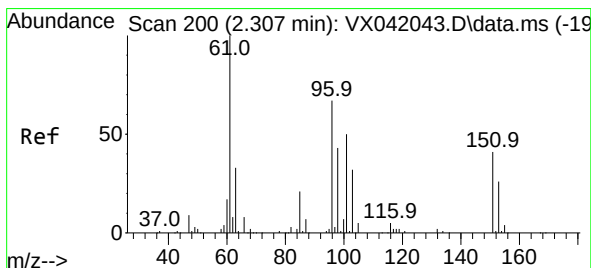
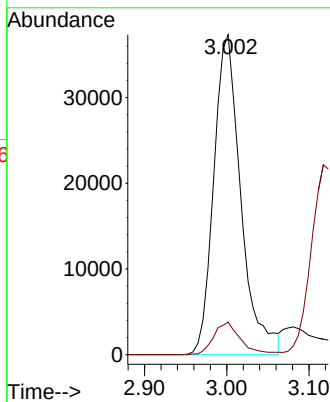
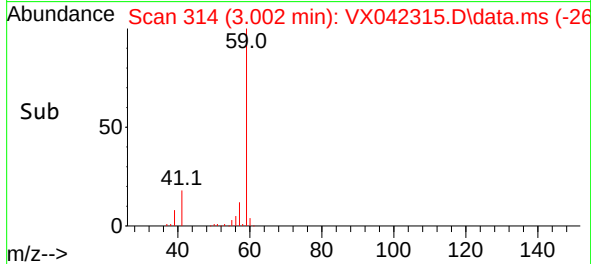
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



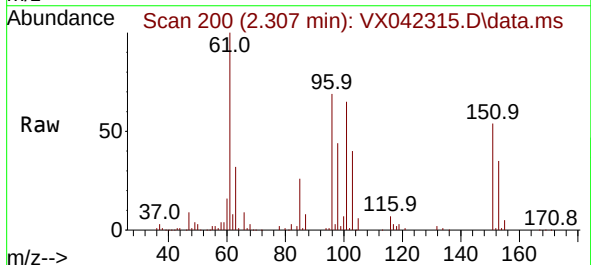
Tgt Ion: 59 Resp: 85580
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

Manual Integrations
APPROVED

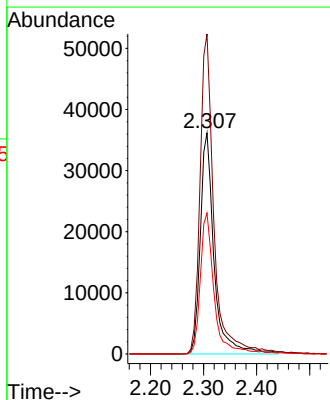
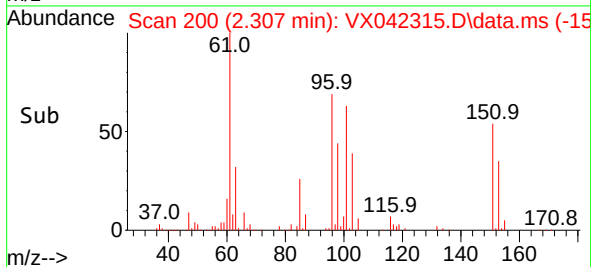
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

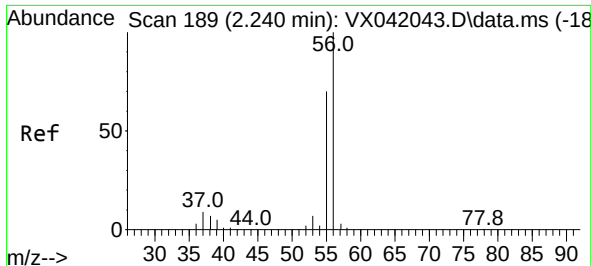


#12
1,1-Dichloroethene
Concen: 48.838 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46



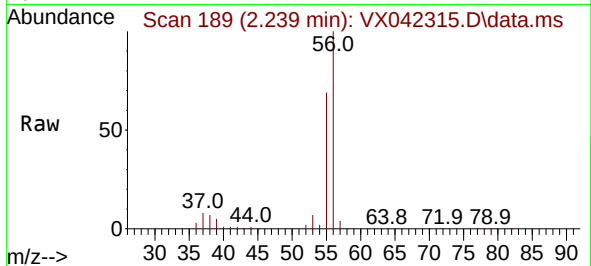
Tgt Ion: 96 Resp: 65555
Ion Ratio Lower Upper
96 100
61 144.8 144.6 216.8
98 63.8 50.4 75.6





#13
Acrolein
Concen: 220.284 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

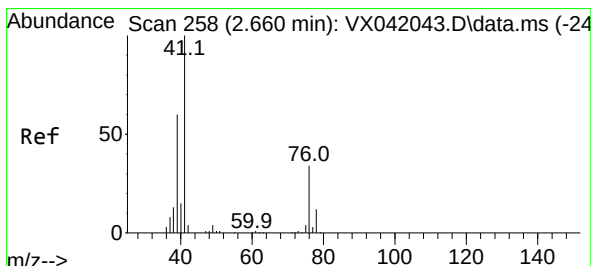
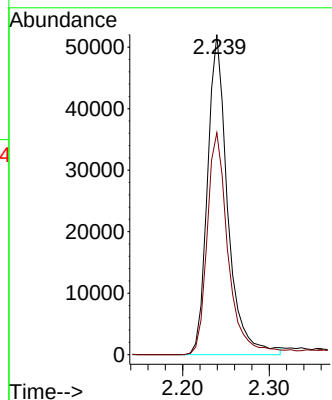
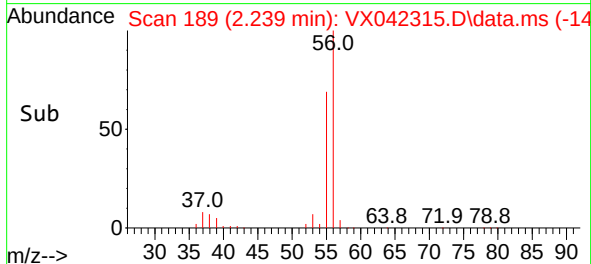
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 84099
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7

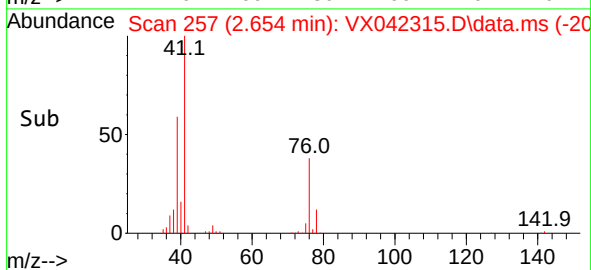
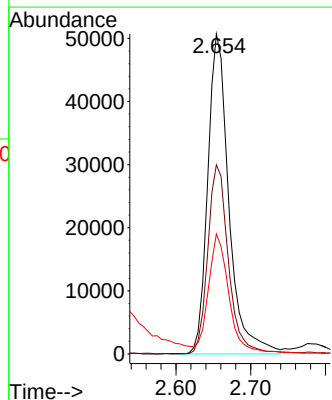
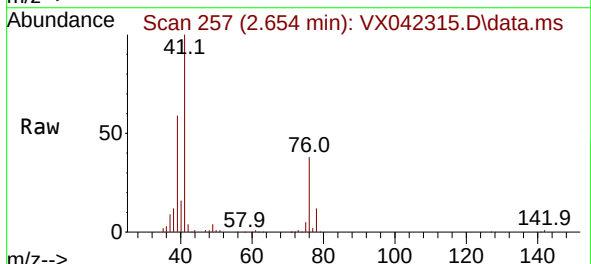
Manual Integrations
APPROVED

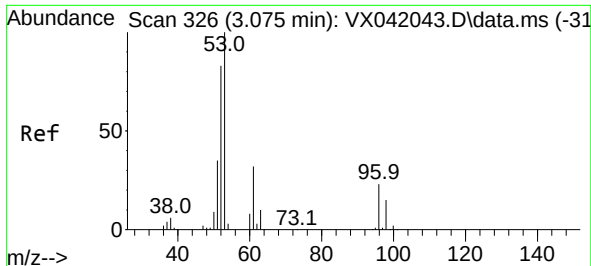
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#14
Allyl chloride
Concen: 46.844 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

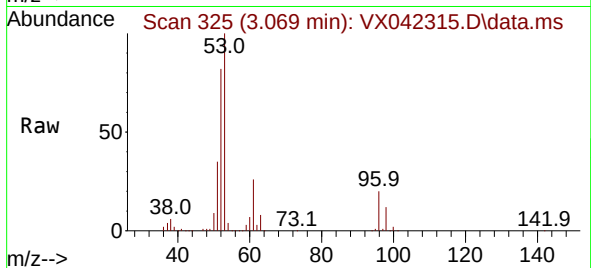
Tgt Ion: 41 Resp: 99721
Ion Ratio Lower Upper
41 100
39 58.4 55.8 83.6
76 36.0 24.3 36.5





#15
Acrylonitrile
Concen: 263.878 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

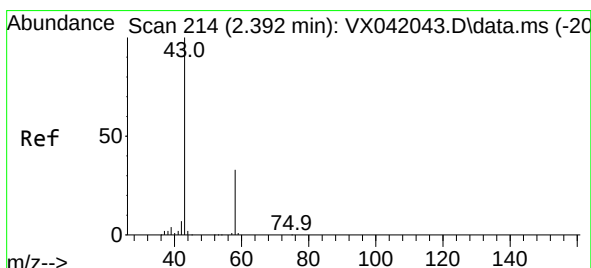
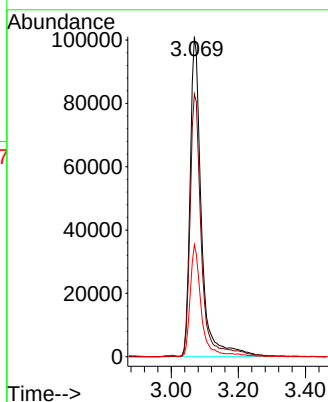
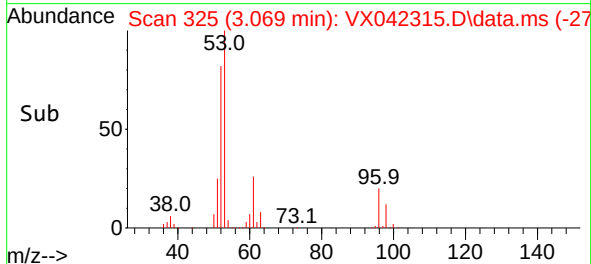
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 234745
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 33.2 29.8 44.6

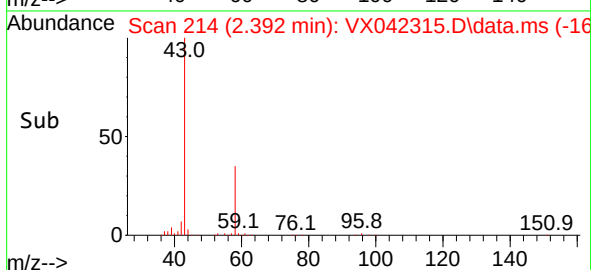
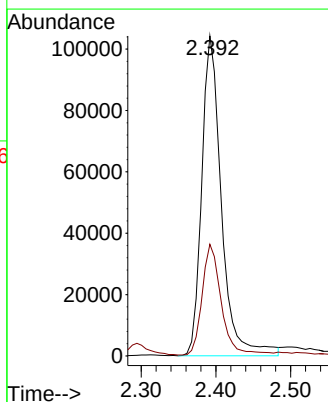
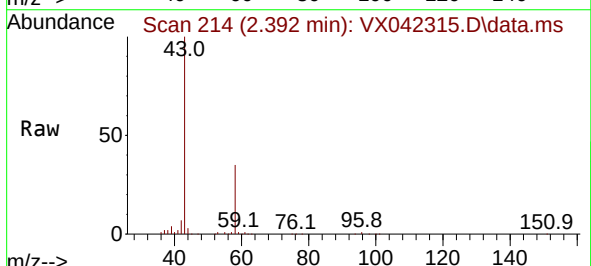
Manual Integrations
APPROVED

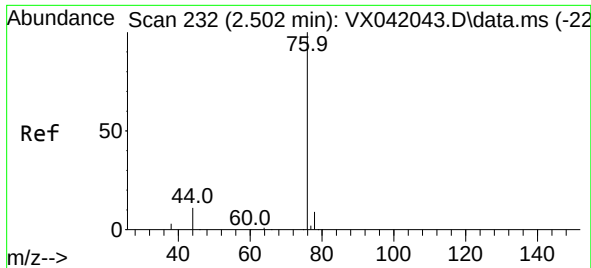
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#16
Acetone
Concen: 242.268 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 43 Resp: 190907
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9





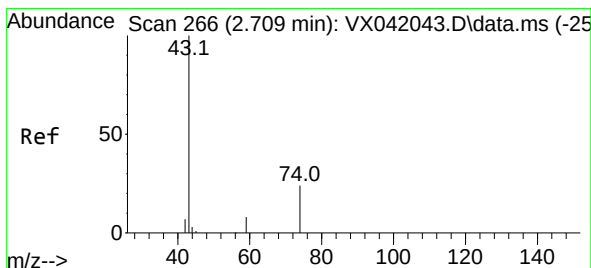
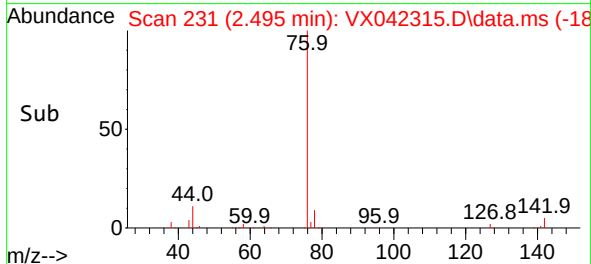
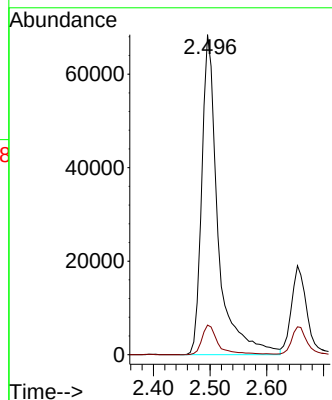
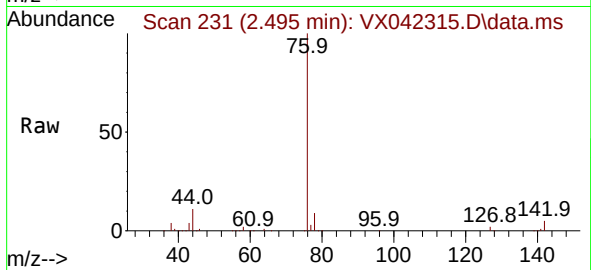
#17
Carbon Disulfide
Concen: 49.928 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 136648
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

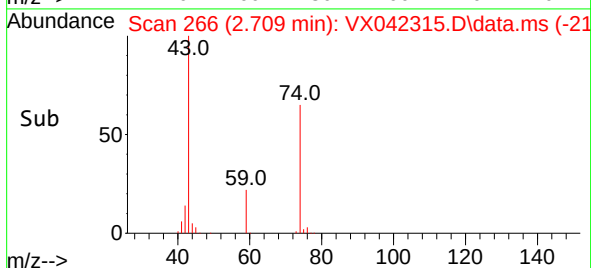
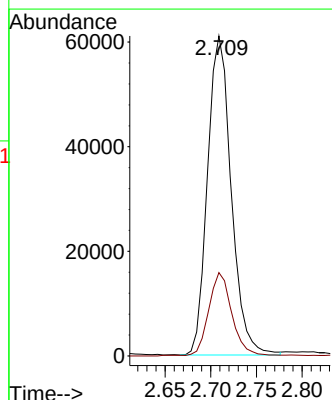
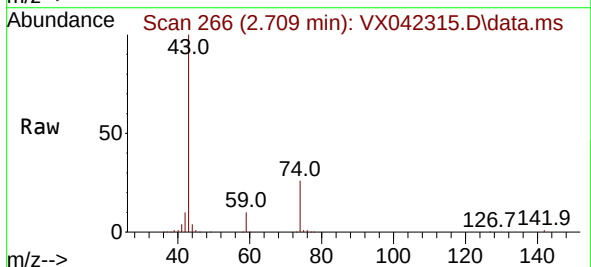
Manual Integrations
APPROVED

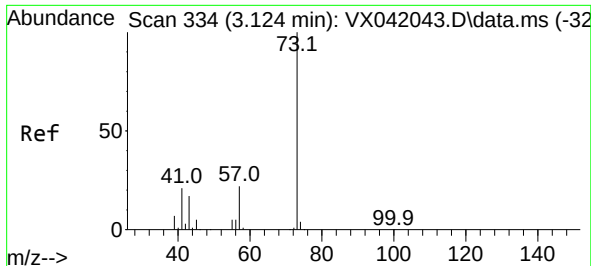
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#18
Methyl Acetate
Concen: 51.211 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 43 Resp: 110084
Ion Ratio Lower Upper
43 100
74 25.0 17.8 26.8





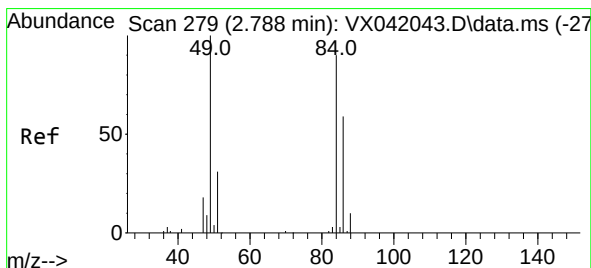
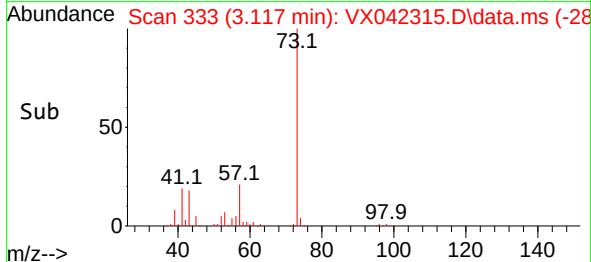
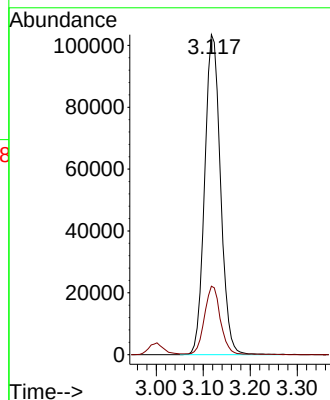
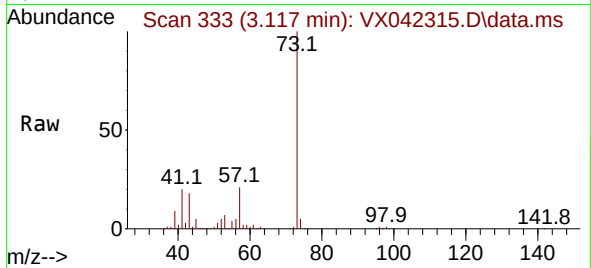
#19
Methyl tert-butyl Ether
Concen: 54.483 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 24160
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

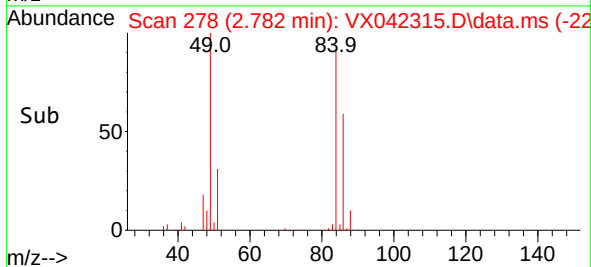
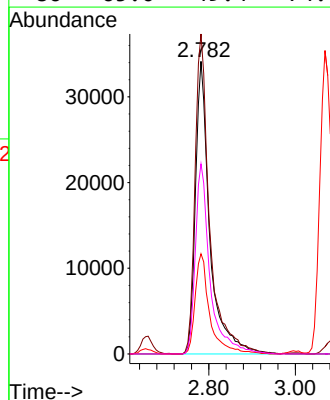
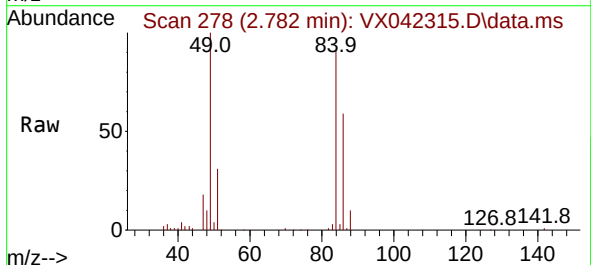
Manual Integrations
APPROVED

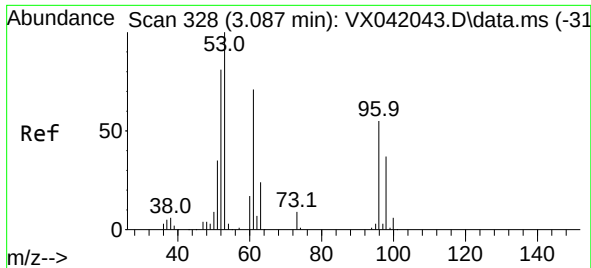
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#20
Methylene Chloride
Concen: 45.610 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

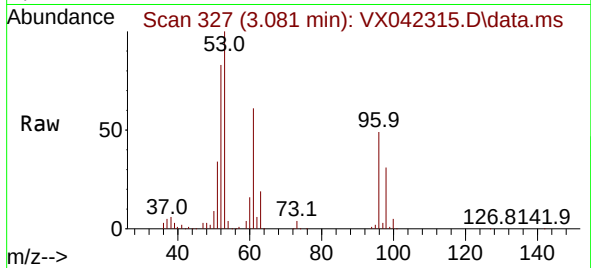
Tgt Ion: 84 Resp: 78698
Ion Ratio Lower Upper
84 100
49 109.4 103.6 155.4
51 34.2 33.8 50.6
86 65.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.976 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

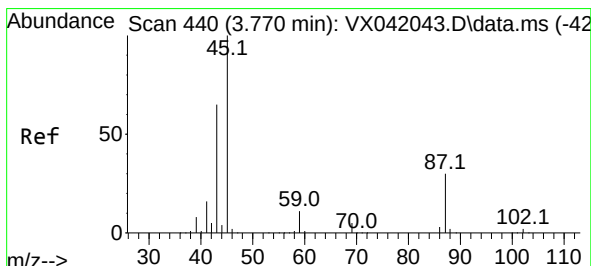
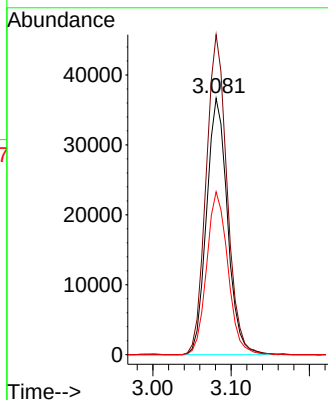
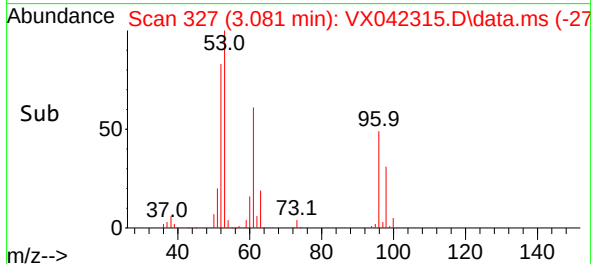
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



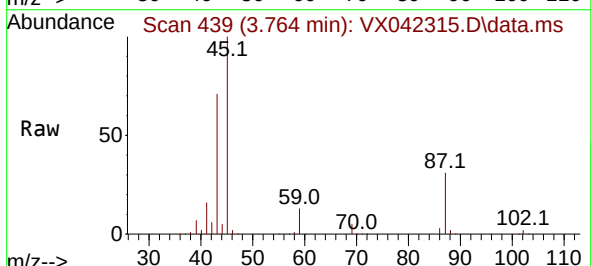
Tgt Ion: 96 Resp: 6808
Ion Ratio Lower Upper
96 100
61 124.8 119.2 178.8
98 63.5 48.7 73.1

Manual Integrations
APPROVED

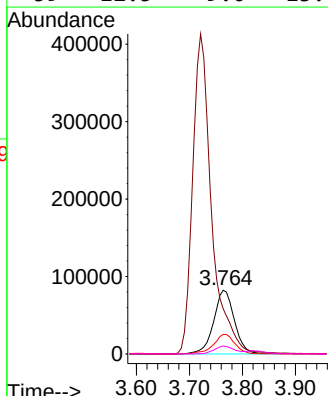
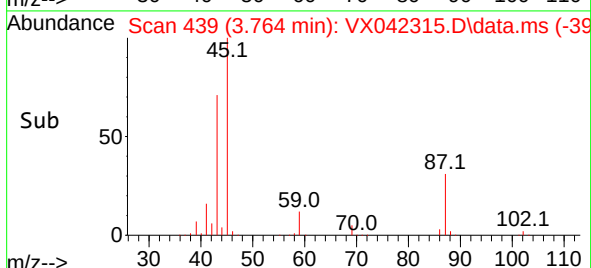
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

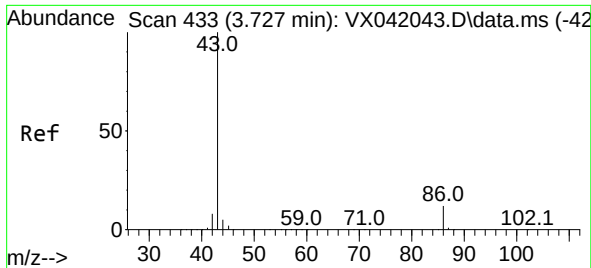


#22
Diisopropyl ether
Concen: 49.742 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46



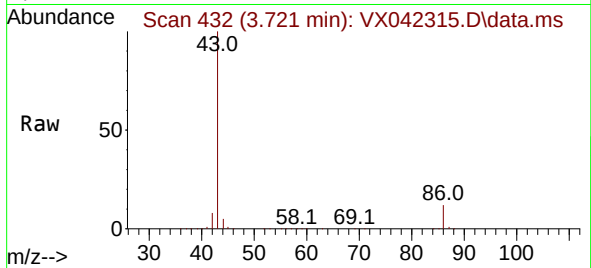
Tgt Ion: 45 Resp: 223825
Ion Ratio Lower Upper
45 100
43 69.8 69.7 104.5
87 30.6 20.8 31.2
59 12.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 267.567 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX042315.D
 Acq: 15 Jul 2024 09:46

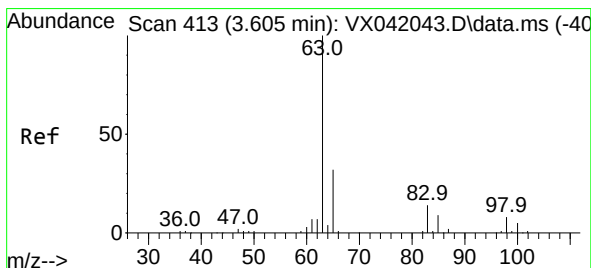
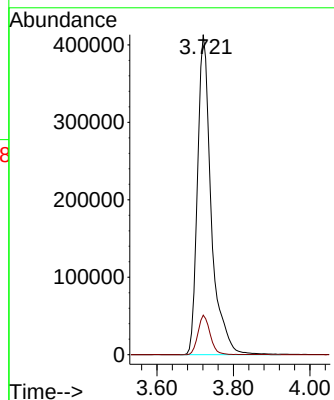
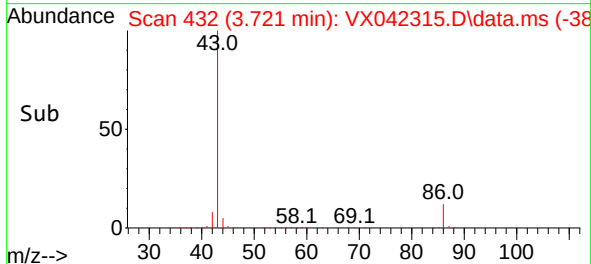
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



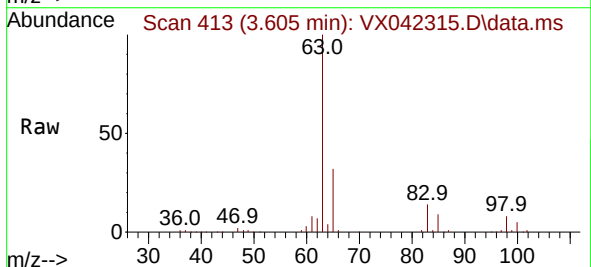
Tgt Ion: 43 Resp: 1028218
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.8 11.8

Manual Integrations
 APPROVED

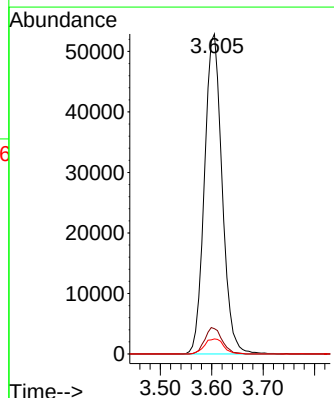
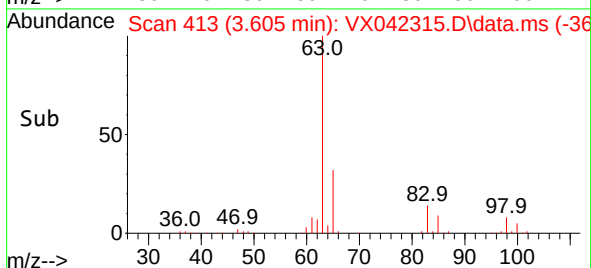
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024

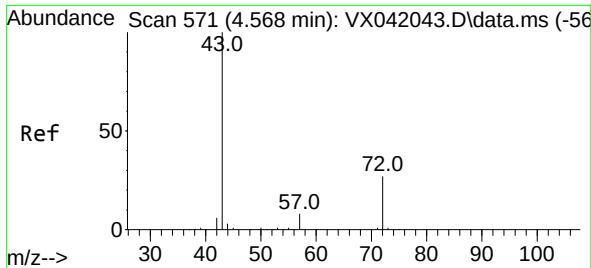


#24
 1,1-Dichloroethane
 Concen: 49.964 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX042315.D
 Acq: 15 Jul 2024 09:46



Tgt Ion: 63 Resp: 125903
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 4.7 2.1 6.5





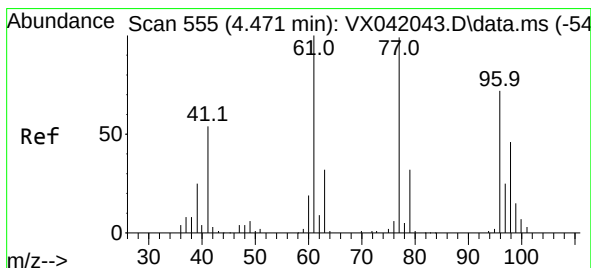
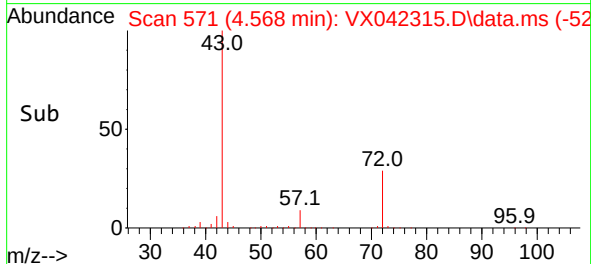
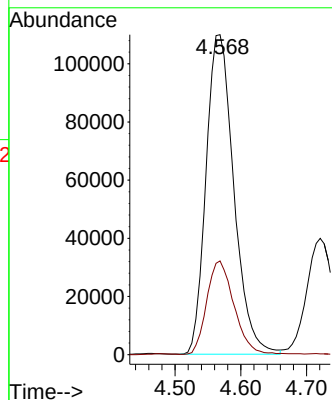
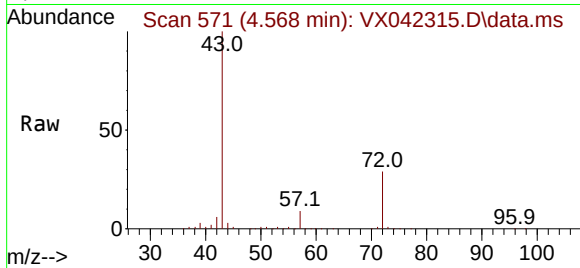
#25
2-Butanone
Concen: 263.468 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 322994
Ion Ratio Lower Upper
43 100
72 29.3 19.4 29.2

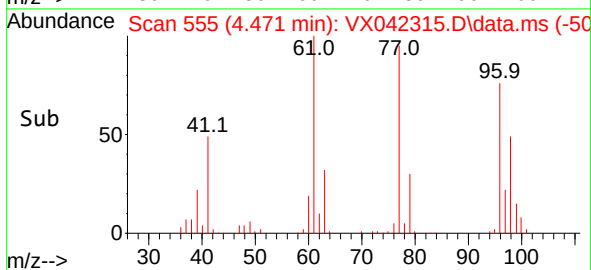
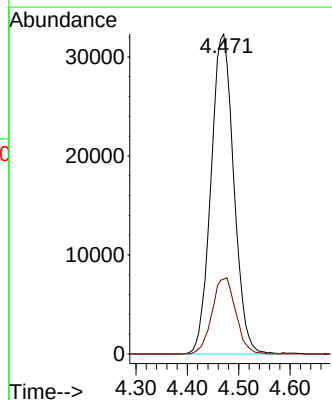
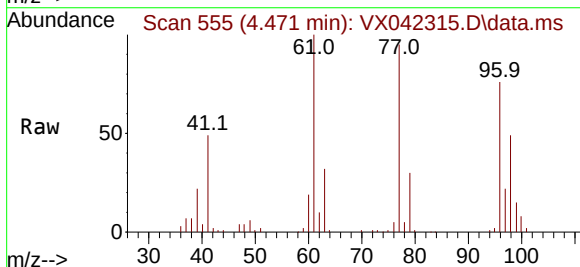
Manual Integrations
APPROVED

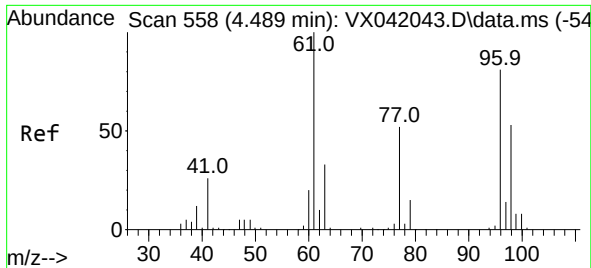
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#26
2,2-Dichloropropane
Concen: 54.558 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 77 Resp: 99557
Ion Ratio Lower Upper
77 100
97 24.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.600 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8804

Ion Ratio Lower Upper

96 100

61 129.4 0.0 312.2

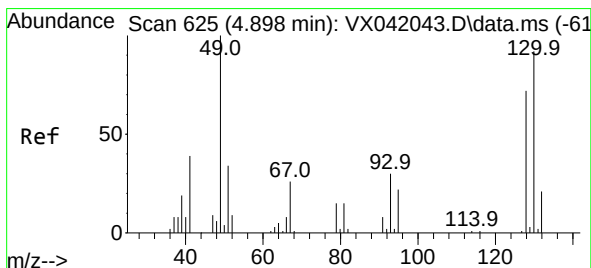
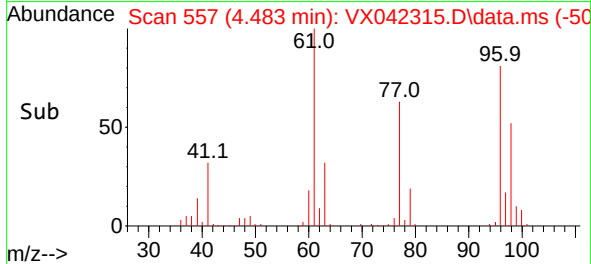
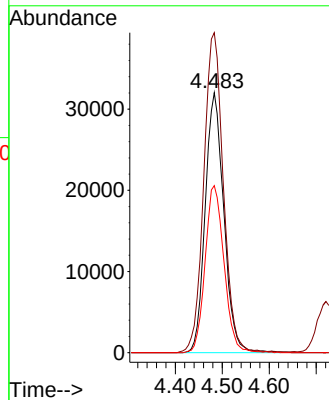
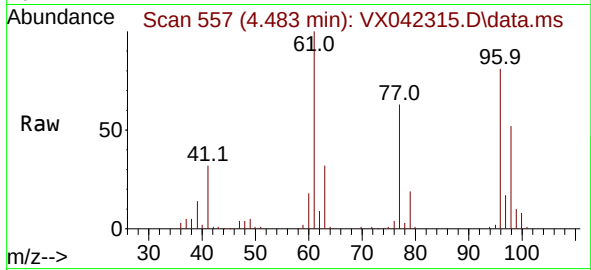
98 65.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#28

Bromochloromethane

Concen: 41.469 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

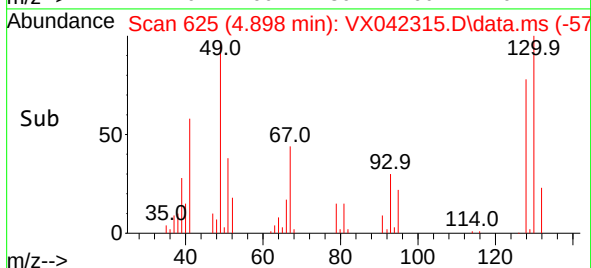
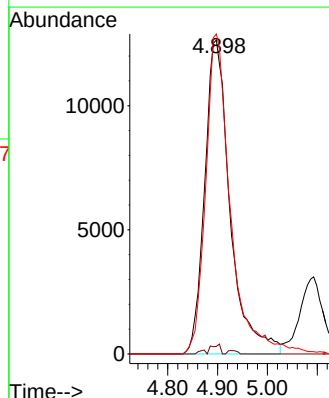
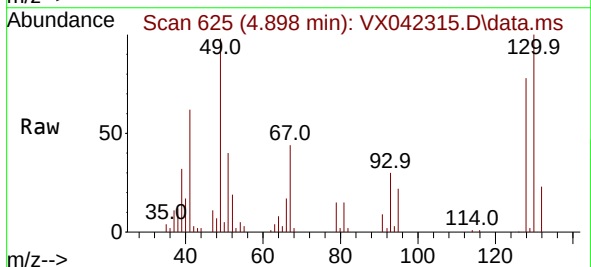
Tgt Ion: 49 Resp: 44757

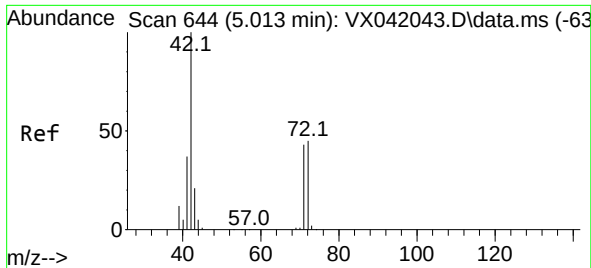
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 100.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 260.843 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 20652

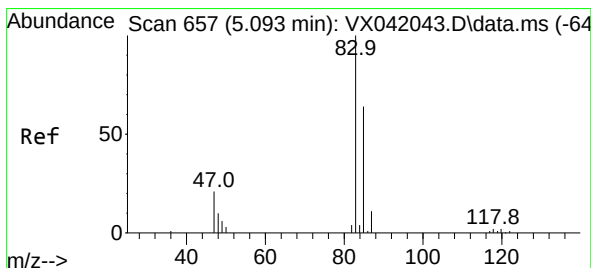
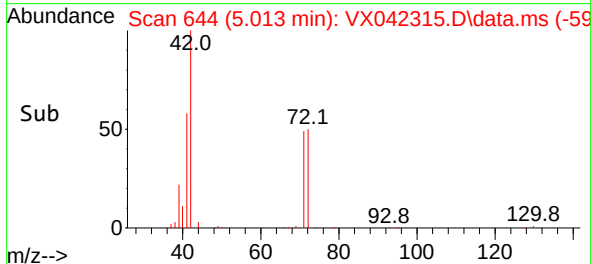
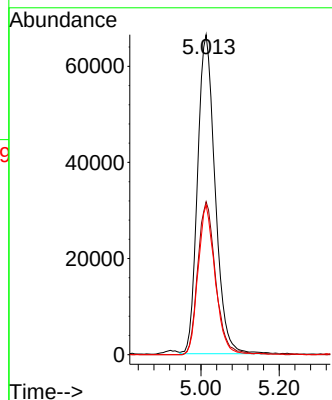
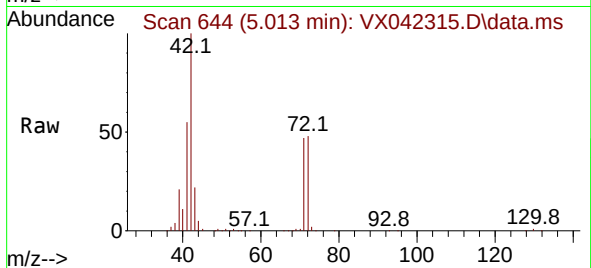
Ion	Ratio	Lower	Upper
42	100		
72	48.8	34.2	51.4
71	45.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#30

Chloroform

Concen: 51.366 ug/l

RT: 5.087 min Scan# 656

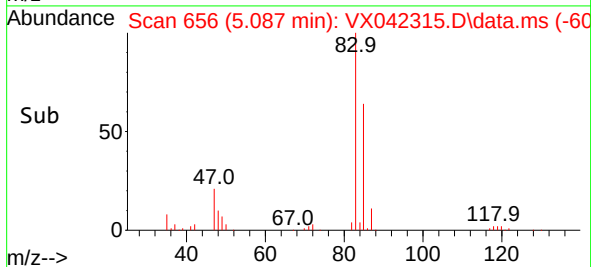
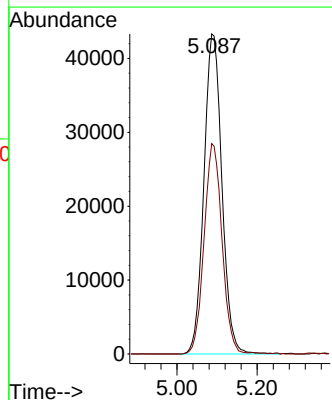
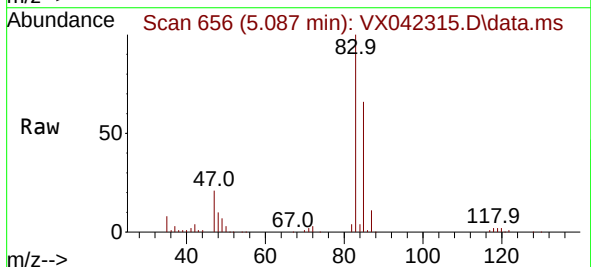
Delta R.T. -0.012 min

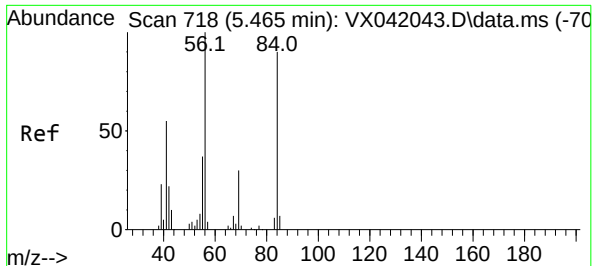
Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Tgt Ion: 83 Resp: 134850

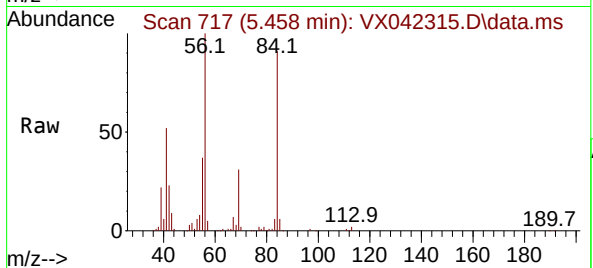
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.3	75.5





#31
Cyclohexane
Concen: 47.742 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

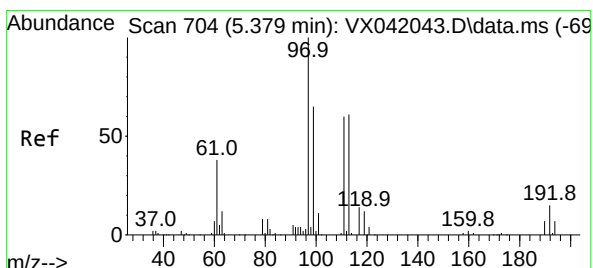
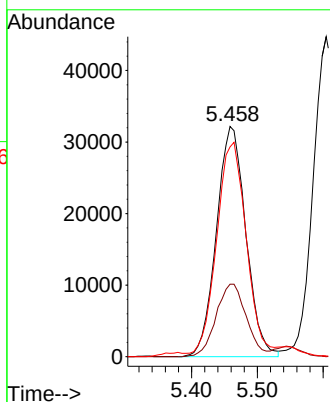
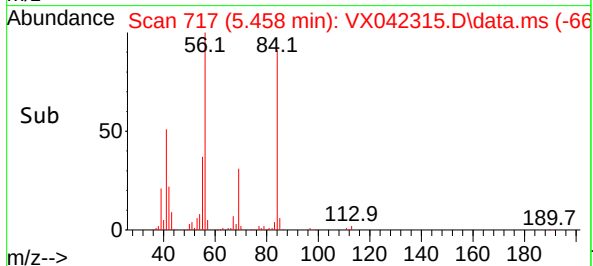
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10019
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 89.2 65.9 98.9

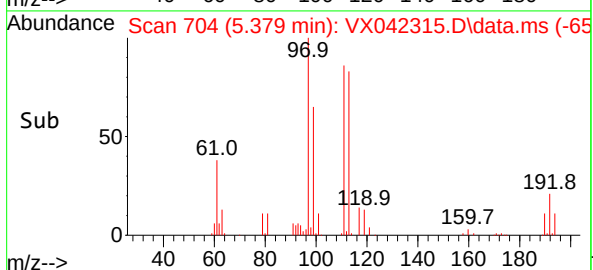
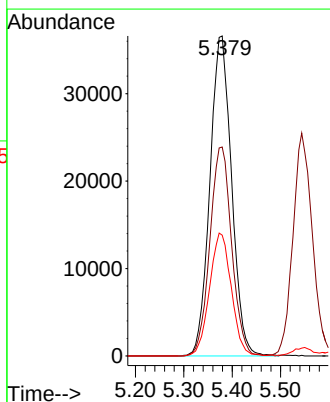
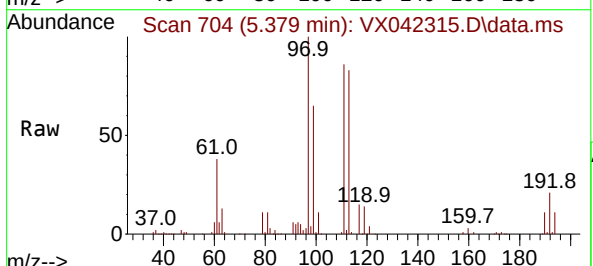
Manual Integrations
APPROVED

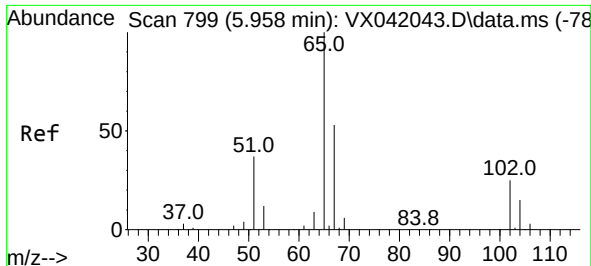
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#32
1,1,1-Trichloroethane
Concen: 51.937 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 97 Resp: 113932
Ion Ratio Lower Upper
97 100
99 65.7 51.1 76.7
61 38.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.125 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 91748

Ion Ratio Lower Upper

65 100

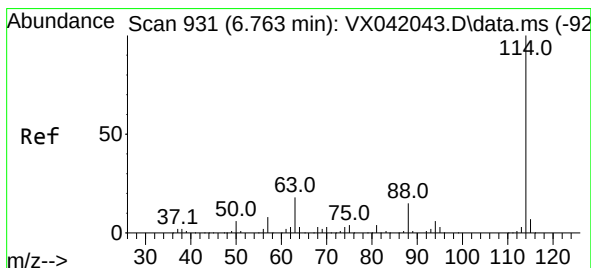
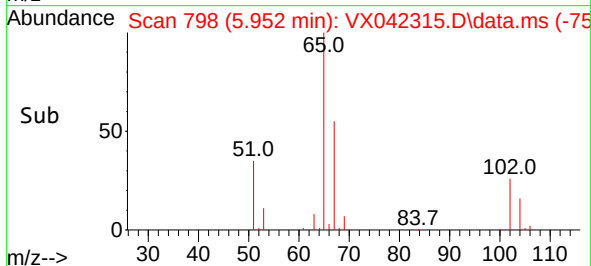
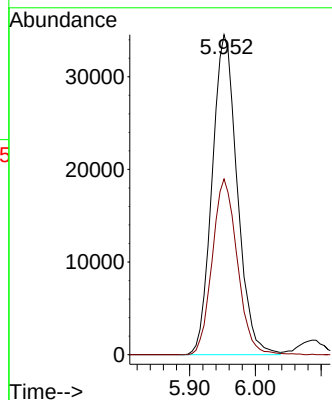
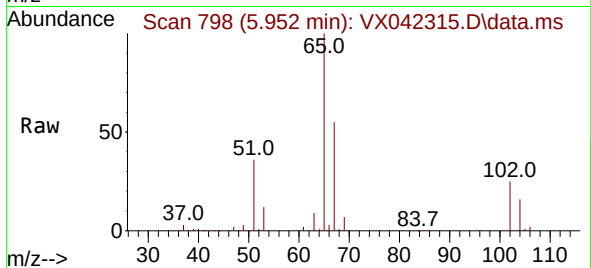
67 54.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

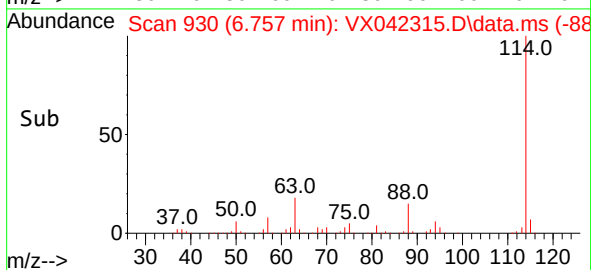
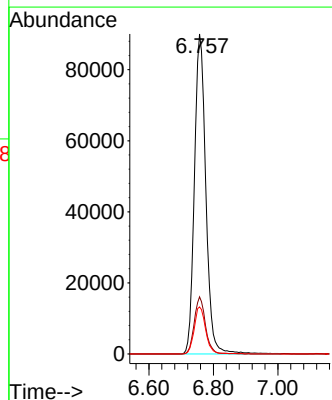
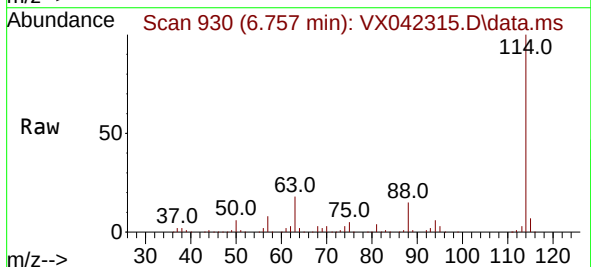
Tgt Ion:114 Resp: 220681

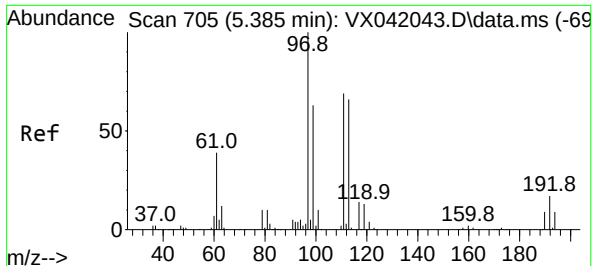
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 14.7 0.0 36.6





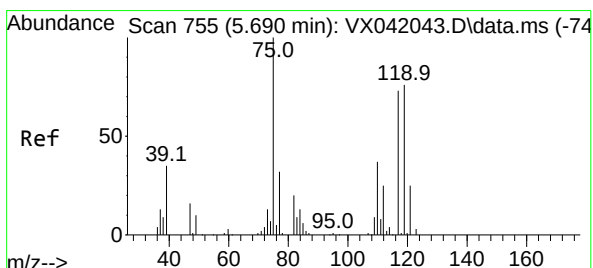
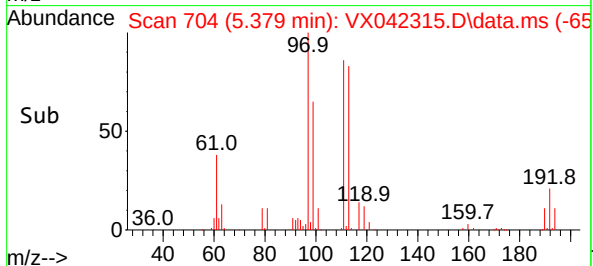
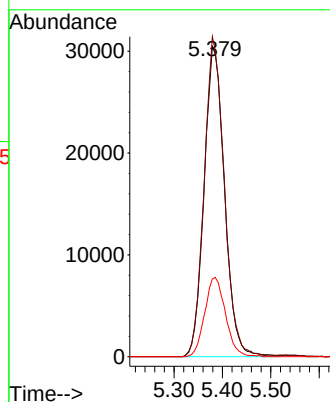
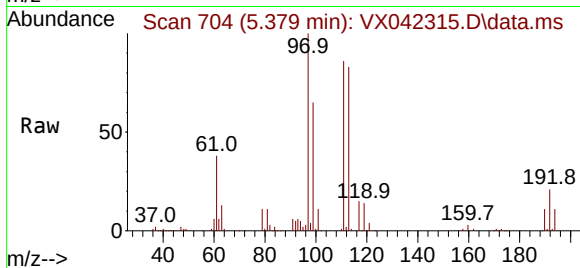
#35
Dibromofluoromethane
Concen: 57.240 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 89629
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.9 13.3 19.9

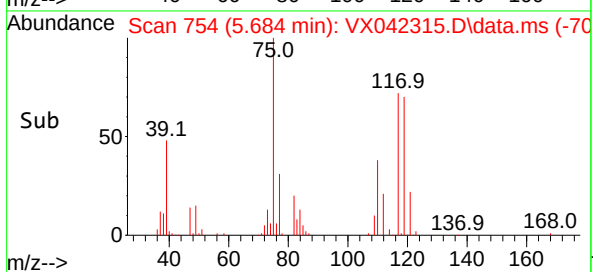
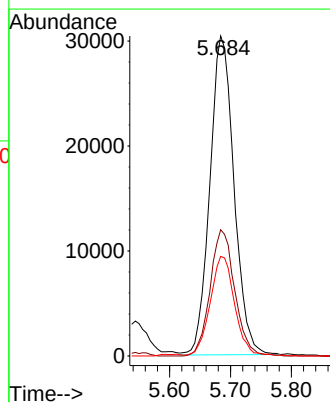
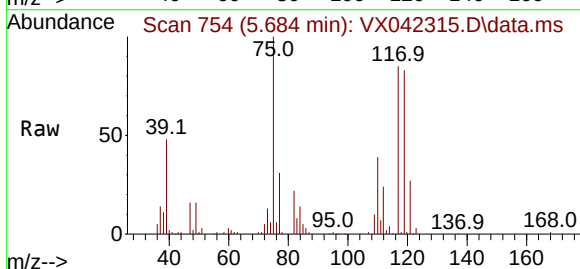
Manual Integrations
APPROVED

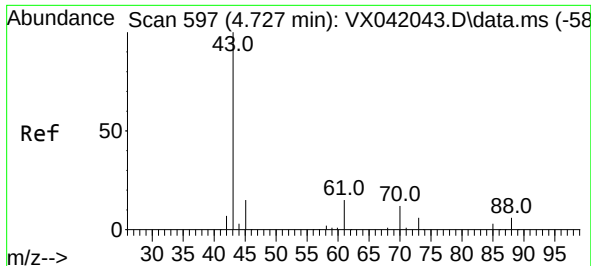
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#36
1,1-Dichloropropene
Concen: 50.257 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 75 Resp: 83566
Ion Ratio Lower Upper
75 100
110 40.3 17.0 50.9
77 31.7 24.7 37.1





#37
Ethyl Acetate
Concen: 55.995 ug/l
RT: 4.721 min Scan# 597
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

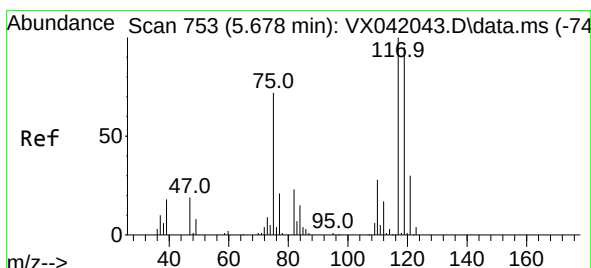
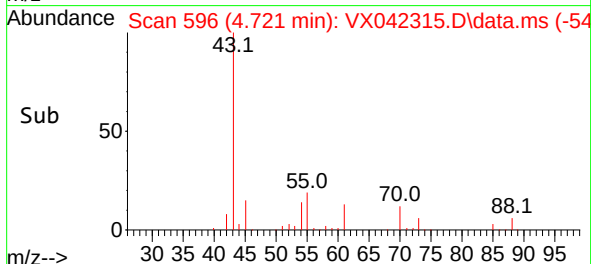
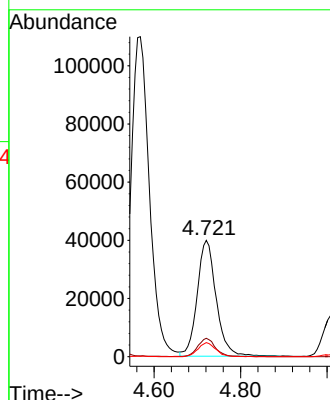
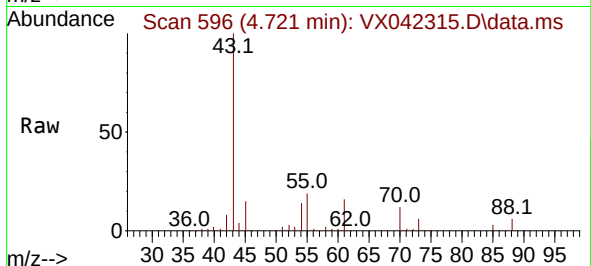
Tgt Ion: 43 Resp: 12128
Ion Ratio Lower Upper
43 100
61 15.0 10.6 16.0
70 11.3 8.3 12.5

Manual Integrations

APPROVED

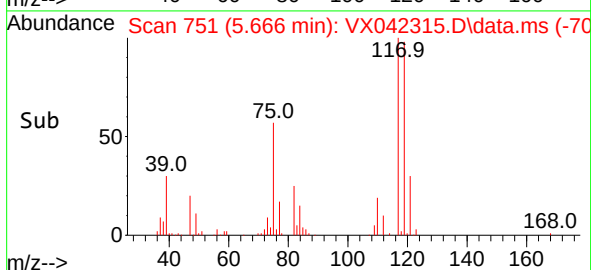
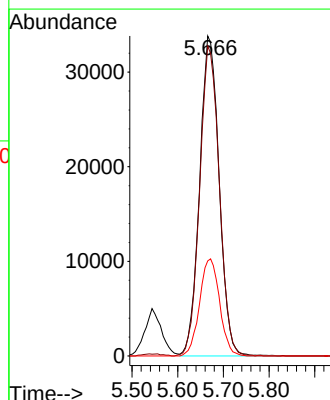
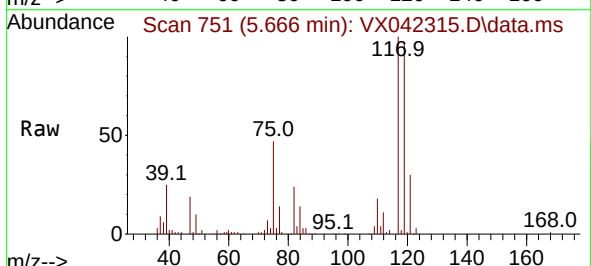
Reviewed By :John Carlone 07/16/2024

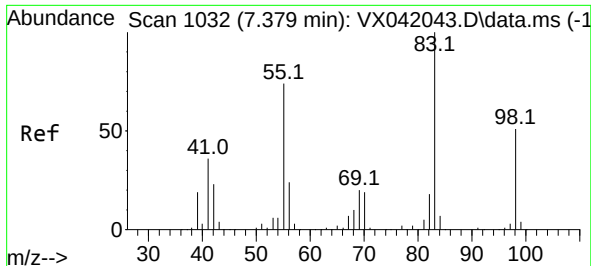
Supervised By :Mahesh Dadoda 07/16/2024



#38
Carbon Tetrachloride
Concen: 54.504 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion:117 Resp: 100133
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.2
121 29.7 24.4 36.6





#39

Methylcyclohexane

Concen: 53.034 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11152

Ion Ratio Lower Upper

83 100

55 69.4 64.6 97.0

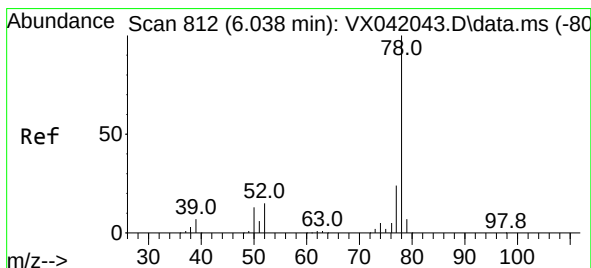
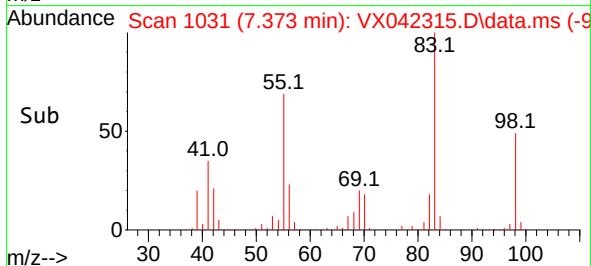
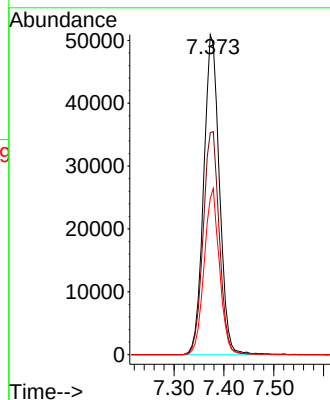
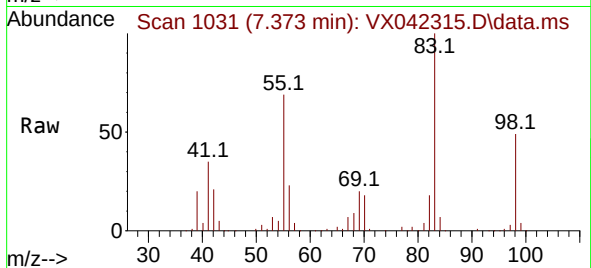
98 48.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#40

Benzene

Concen: 51.400 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX042315.D

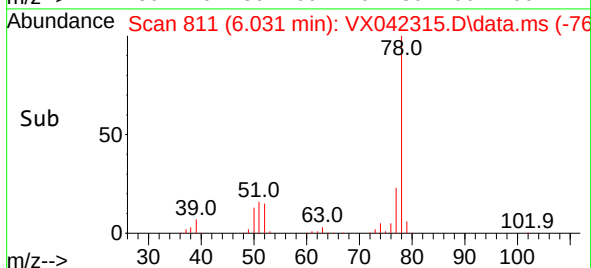
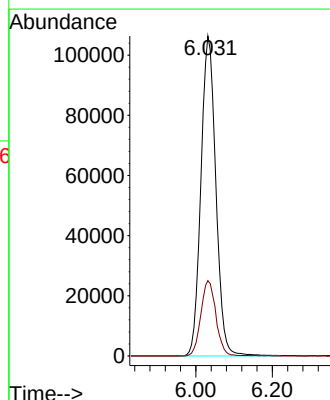
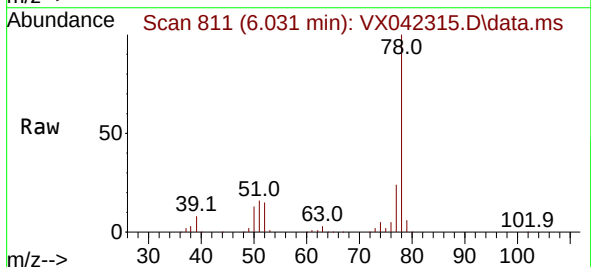
Acq: 15 Jul 2024 09:46

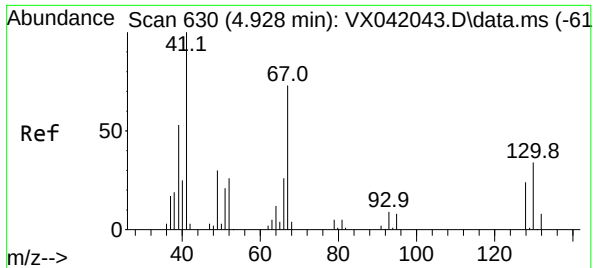
Tgt Ion: 78 Resp: 288247

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 54.719 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

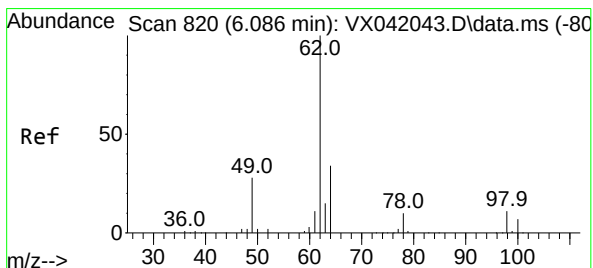
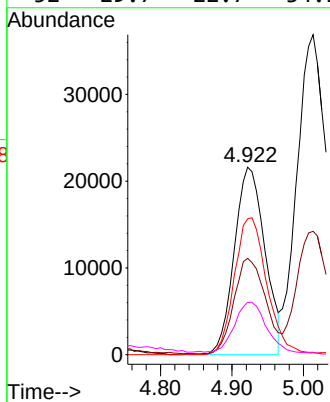
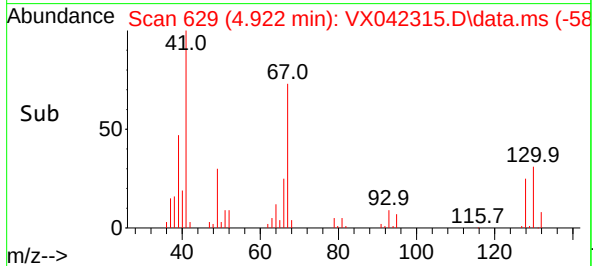
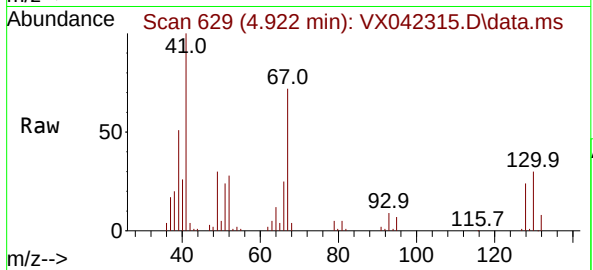
Tgt Ion: 41 Resp: 64248
Ion Ratio Lower Upper
41 100
39 53.3 45.2 67.8
67 77.5 52.6 78.8
52 29.7 22.7 34.1

Manual Integrations

APPROVED

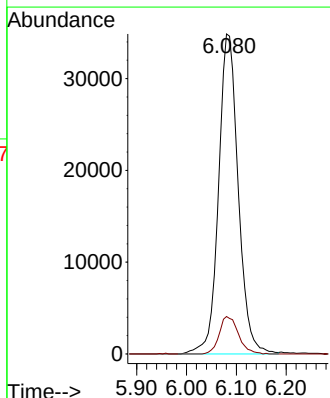
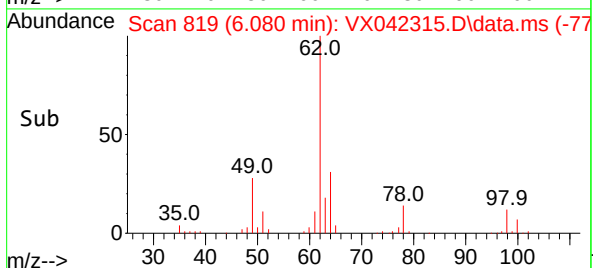
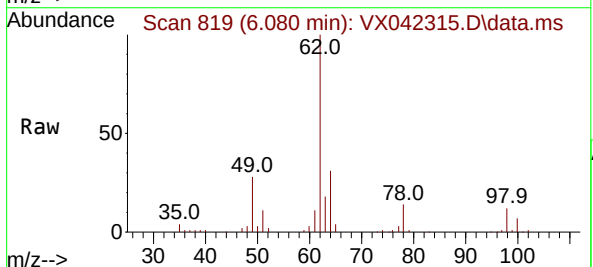
Reviewed By :John Carlone 07/16/2024

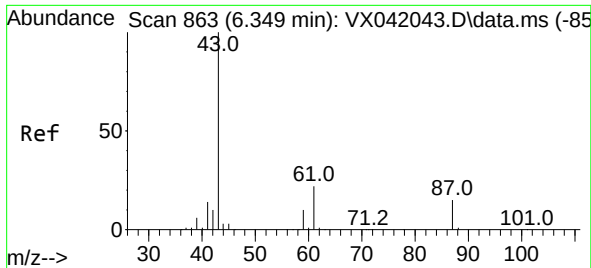
Supervised By :Mahesh Dadoda 07/16/2024



#42
1,2-Dichloroethane
Concen: 52.946 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 62 Resp: 95641
Ion Ratio Lower Upper
62 100
98 11.4 0.0 16.0





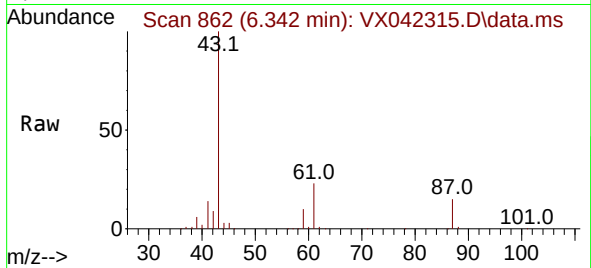
#43
Isopropyl Acetate
Concen: 54.095 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



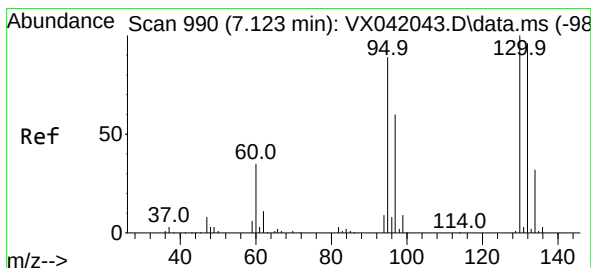
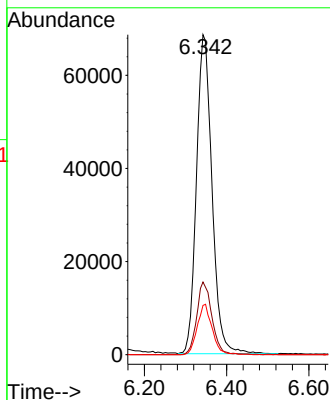
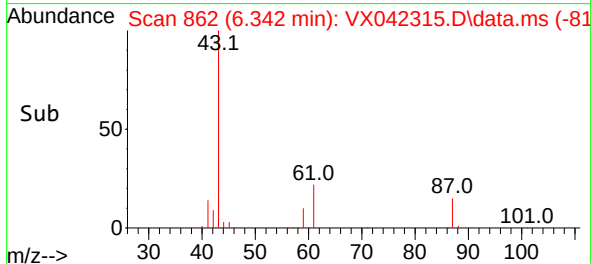
Tgt Ion: 43 Resp: 17985
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 15.1 9.8 14.6

Manual Integrations

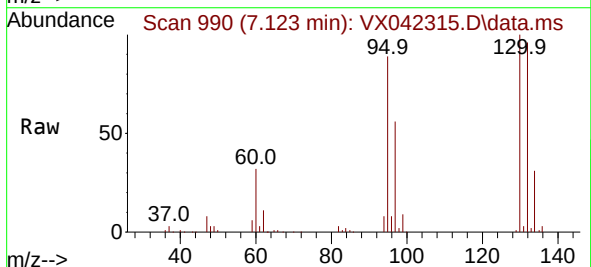
APPROVED

Reviewed By :John Carlone 07/16/2024

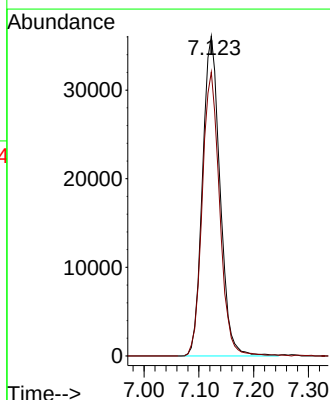
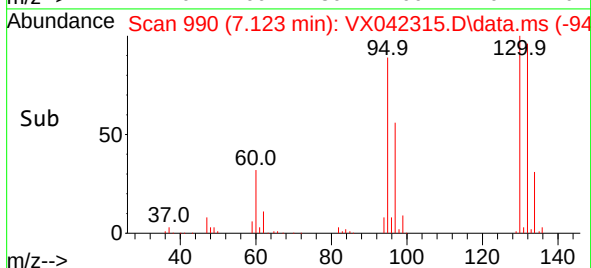
Supervised By :Mahesh Dadoda 07/16/2024

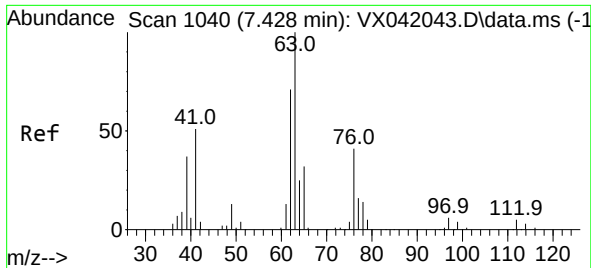


#44
Trichloroethene
Concen: 53.275 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46



Tgt Ion:130 Resp: 80084
Ion Ratio Lower Upper
130 100
95 88.7 0.0 204.4





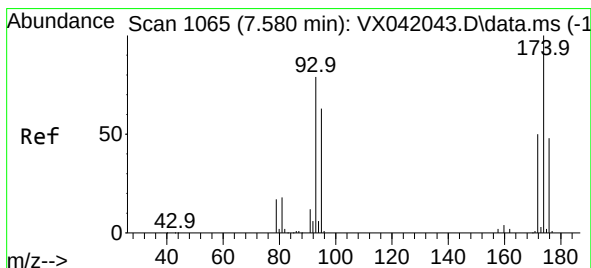
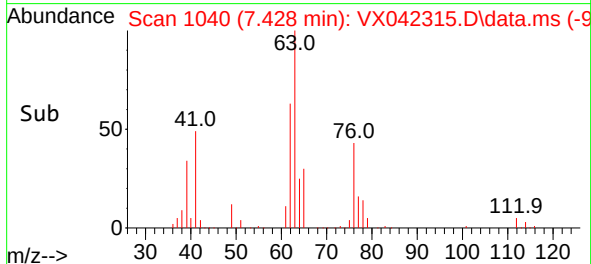
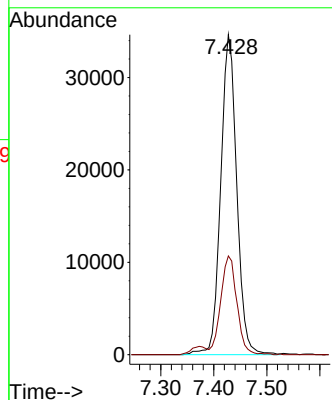
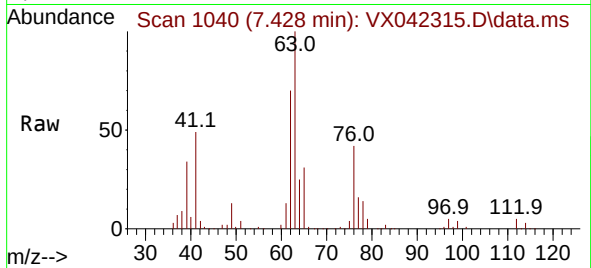
#45
1,2-Dichloropropane
Concen: 52.689 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 72654
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5

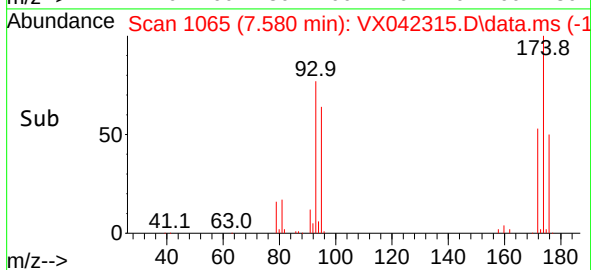
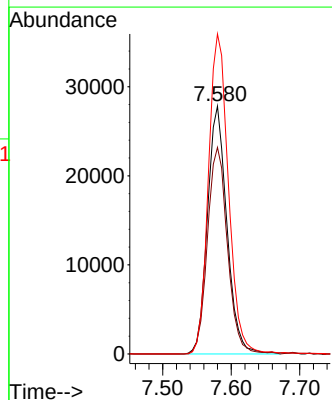
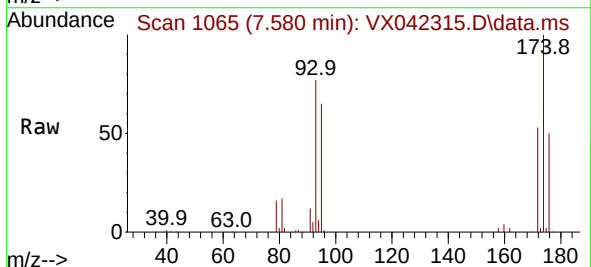
Manual Integrations
APPROVED

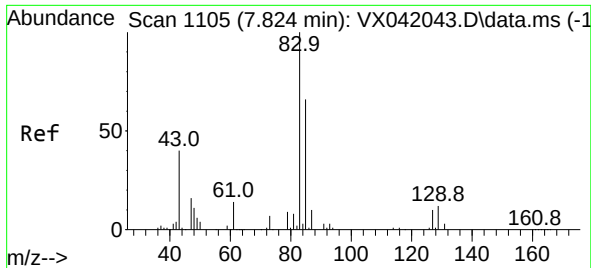
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#46
Dibromomethane
Concen: 54.706 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

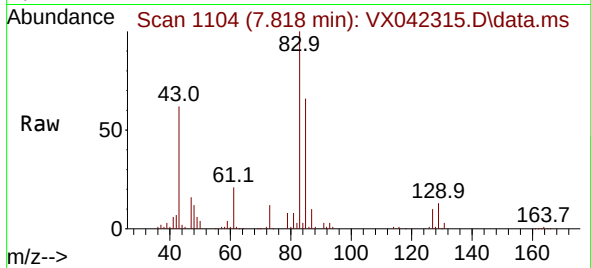
Tgt Ion: 93 Resp: 54963
Ion Ratio Lower Upper
93 100
95 85.6 66.6 100.0
174 133.0 69.4 104.0#





#47
Bromodichloromethane
Concen: 55.641 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

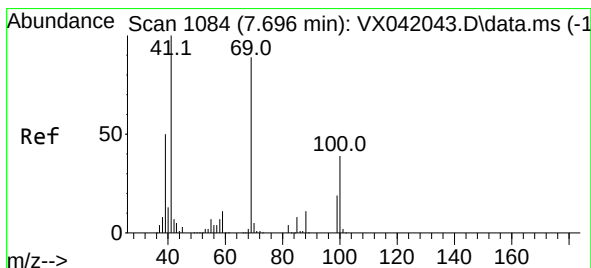
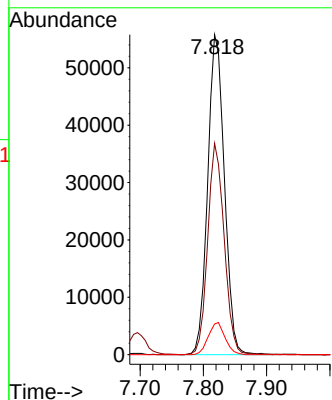
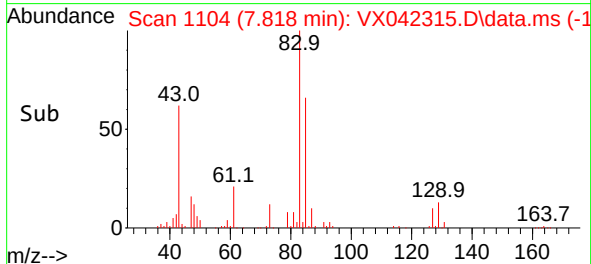
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10263
Ion Ratio Lower Upper
83 100
85 66.0 49.8 74.6
127 9.6 7.1 10.7

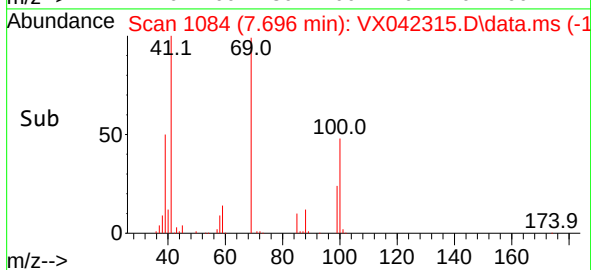
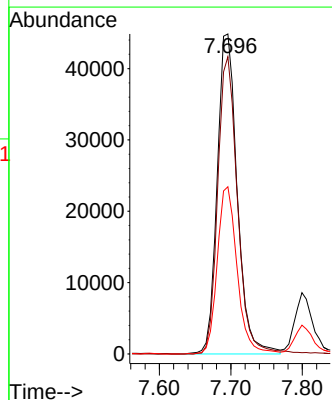
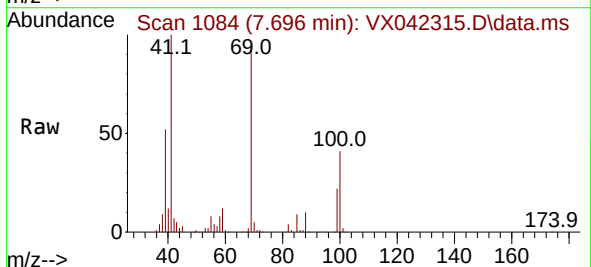
Manual Integrations
APPROVED

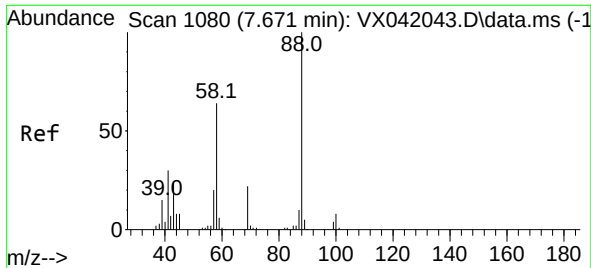
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#48
Methyl methacrylate
Concen: 55.134 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

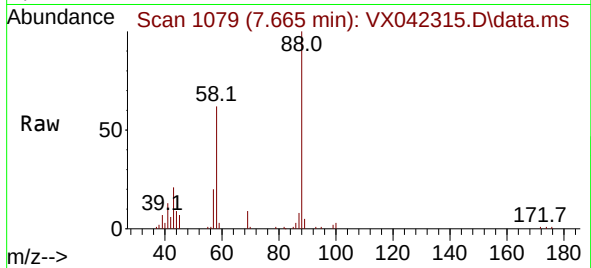
Tgt Ion: 41 Resp: 87482
Ion Ratio Lower Upper
41 100
69 91.8 59.2 88.8
39 51.8 47.7 71.5





#49
1,4-Dioxane
Concen: 1053.749 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

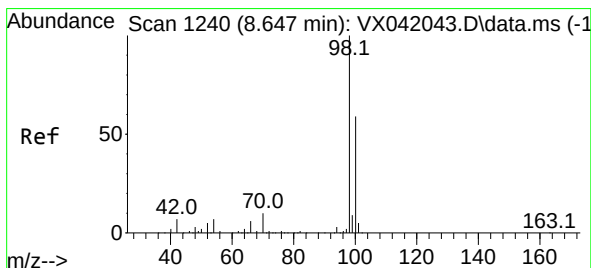
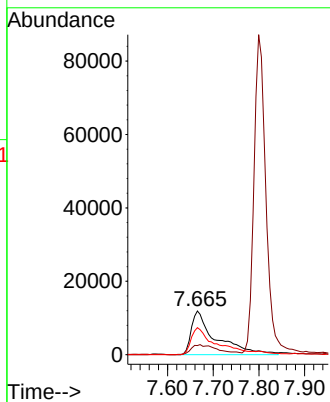
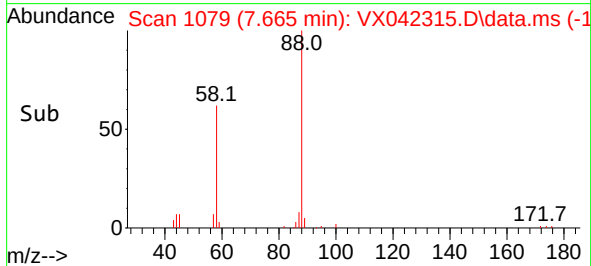
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 4428
Ion Ratio Lower Upper
88 100
43 25.8 0.0 0.0
58 60.8 60.1 90.1

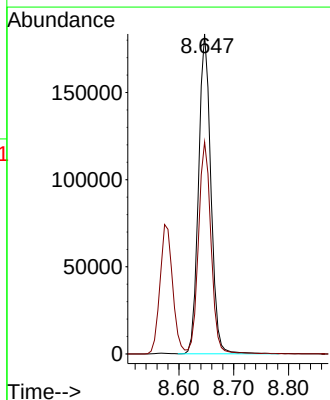
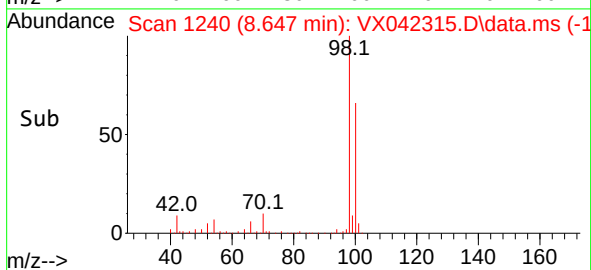
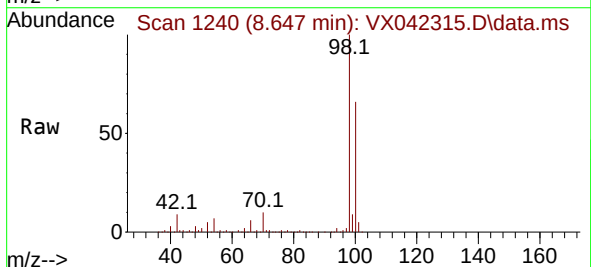
Manual Integrations
APPROVED

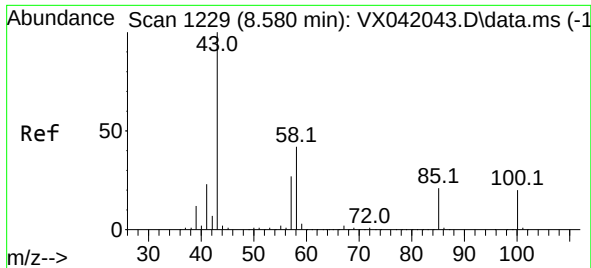
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#50
Toluene-d8
Concen: 52.182 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 98 Resp: 287049
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 270.595 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

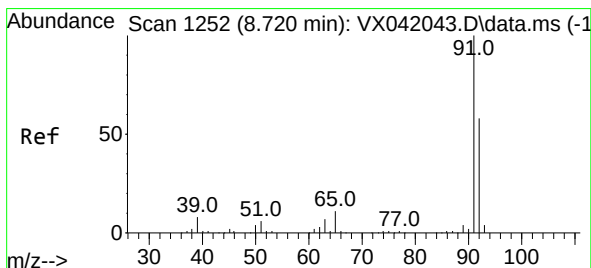
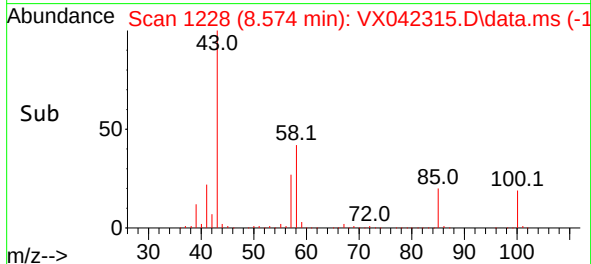
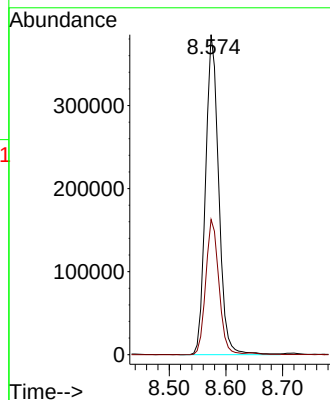
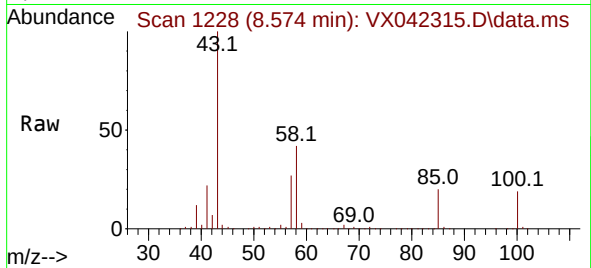
VSTDCCC050

Tgt Ion: 43 Resp: 619720
Ion Ratio Lower Upper
43 100
58 42.1 30.4 45.6

Manual Integrations

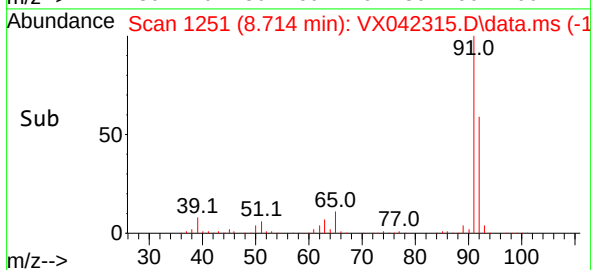
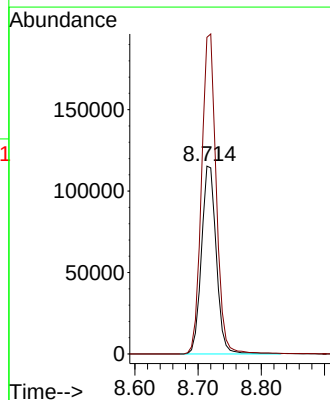
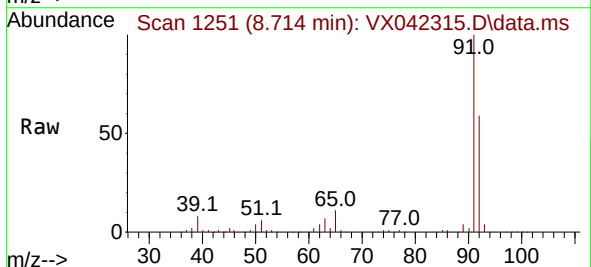
APPROVED

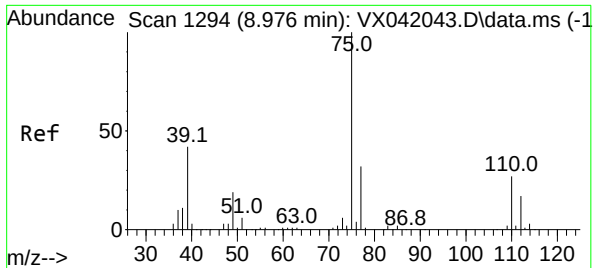
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#52
Toluene
Concen: 52.703 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 92 Resp: 188208
Ion Ratio Lower Upper
92 100
91 169.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 54.612 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 106970

Ion Ratio Lower Upper

75 100

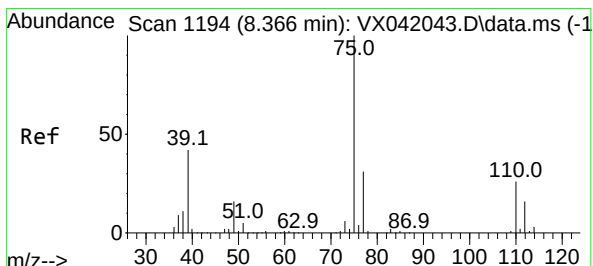
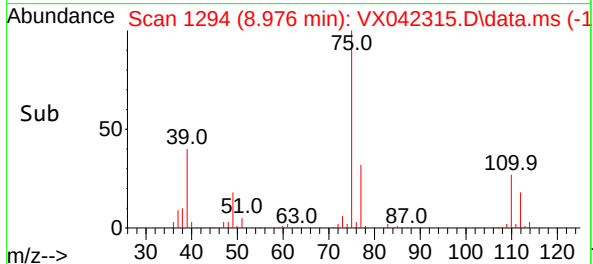
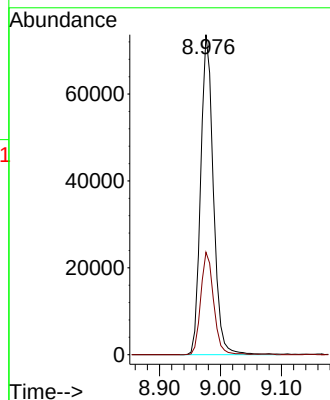
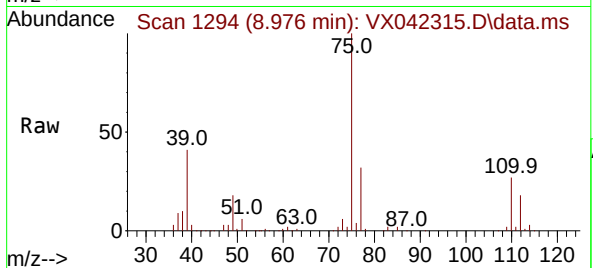
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#54

cis-1,3-Dichloropropene

Concen: 58.094 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

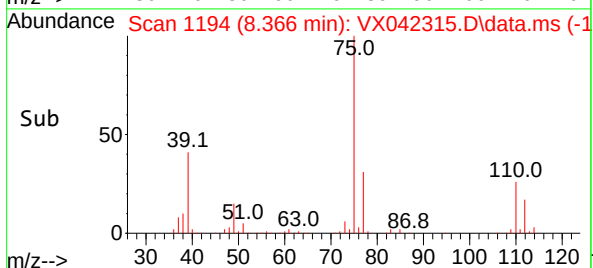
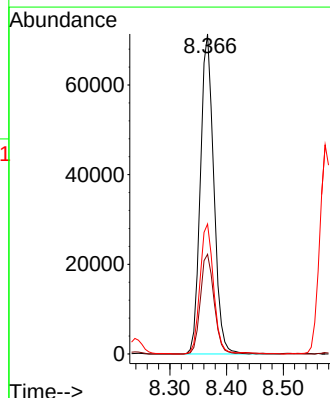
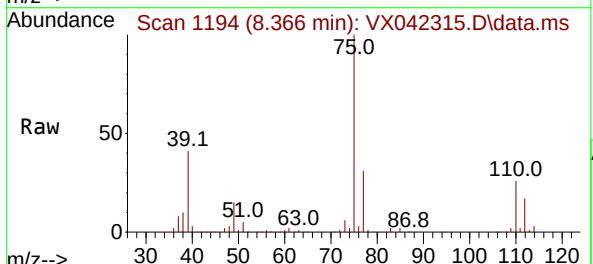
Tgt Ion: 75 Resp: 117323

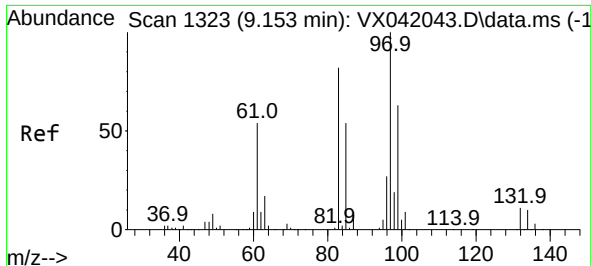
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

39 40.6 46.7 70.1#





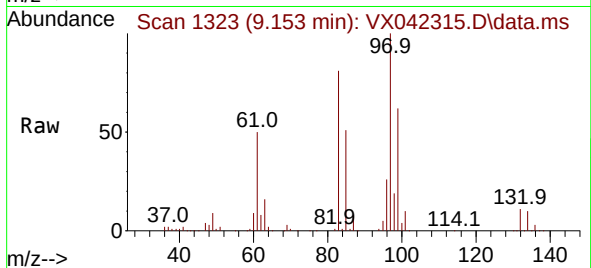
#55
1,1,2-Trichloroethane
Concen: 55.468 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



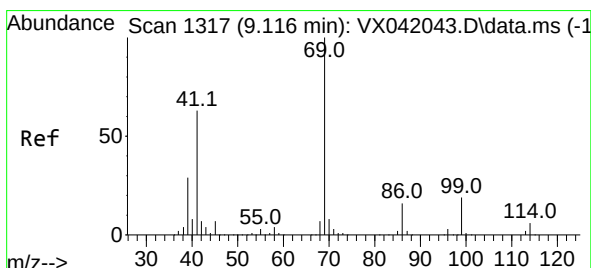
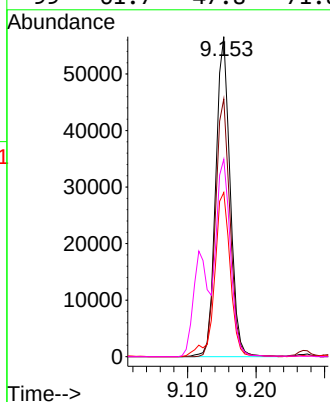
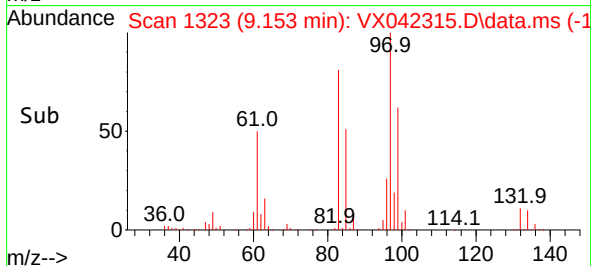
Tgt Ion: 97 Resp: 82518
Ion Ratio Lower Upper
97 100
83 80.6 65.8 98.8
85 51.3 41.6 62.4
99 61.7 47.8 71.8

Manual Integrations

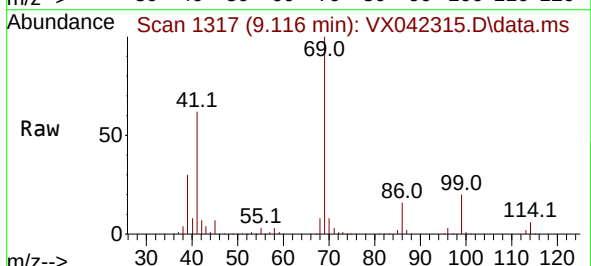
APPROVED

Reviewed By :John Carlone 07/16/2024

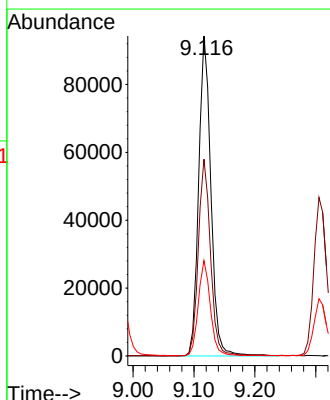
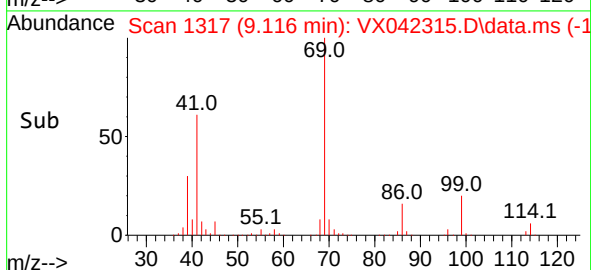
Supervised By :Mahesh Dadoda 07/16/2024

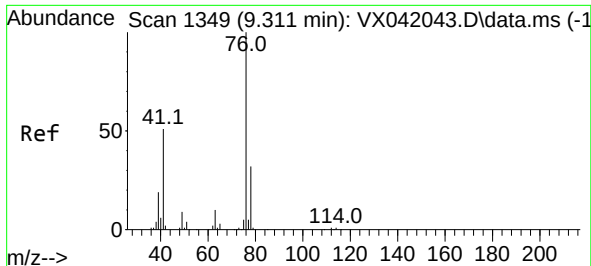


#56
Ethyl methacrylate
Concen: 56.689 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46



Tgt Ion: 69 Resp: 131198
Ion Ratio Lower Upper
69 100
41 61.0 56.8 85.2
39 29.6 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 54.043 ug/l

RT: 9.305 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 129892

Ion Ratio Lower Upper

76 100

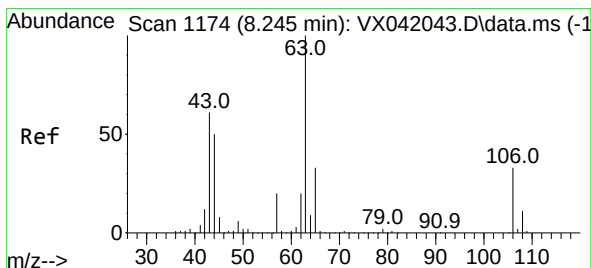
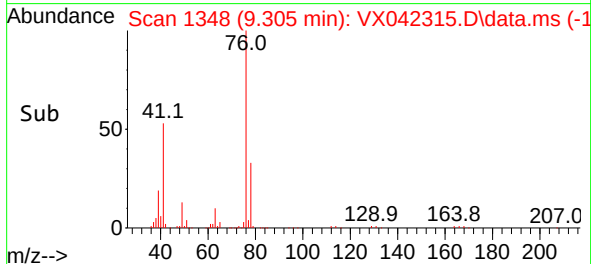
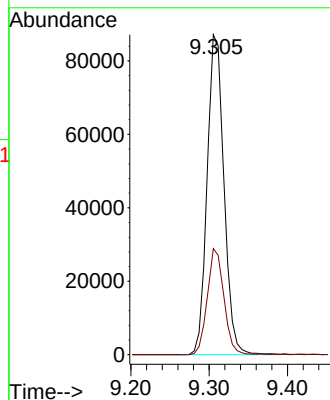
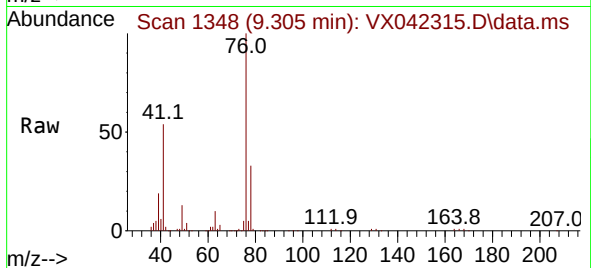
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 278.486 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX042315.D

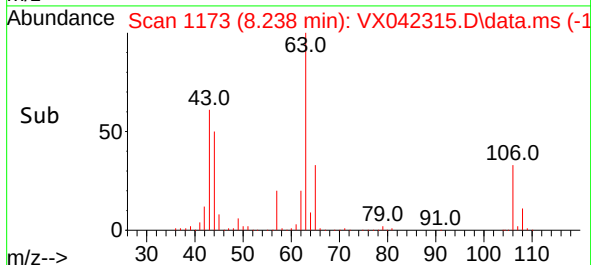
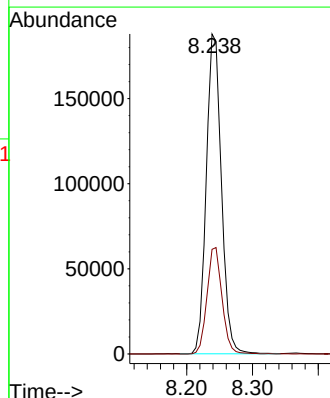
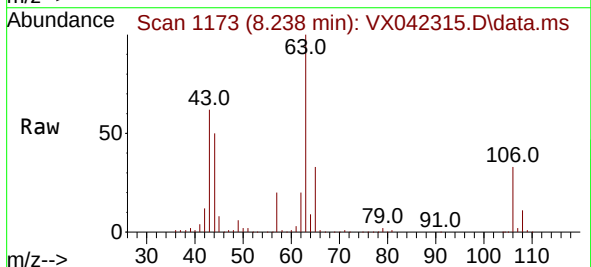
Acq: 15 Jul 2024 09:46

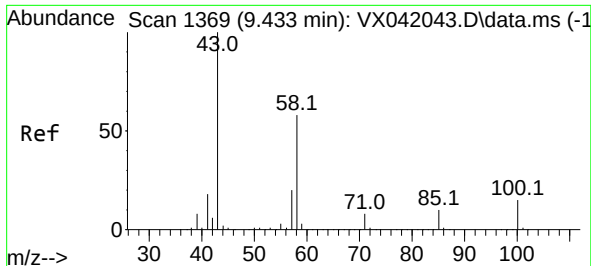
Tgt Ion: 63 Resp: 300351

Ion Ratio Lower Upper

63 100

106 33.1 22.5 33.7





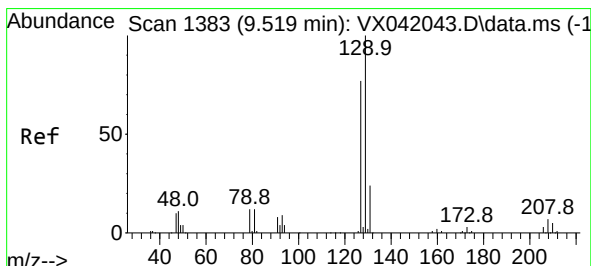
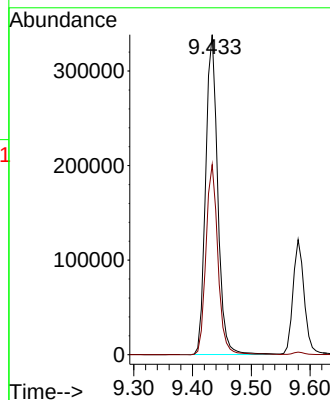
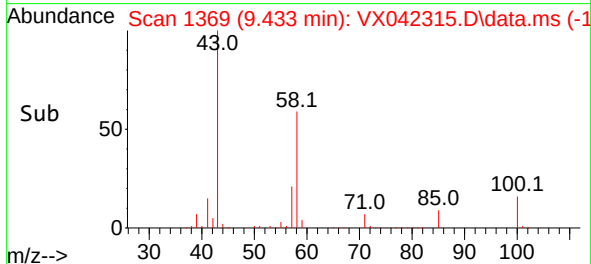
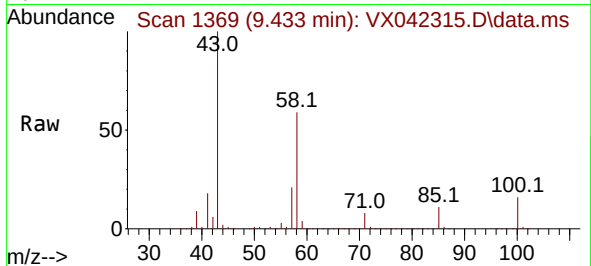
#59
2-Hexanone
Concen: 275.492 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 48324
Ion Ratio Lower Upper
43 100
58 59.0 26.2 78.5

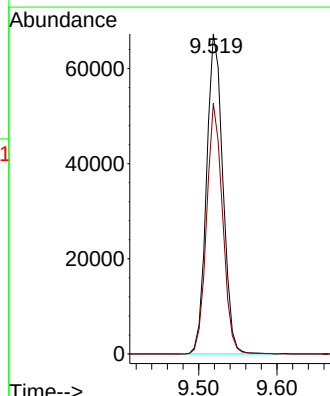
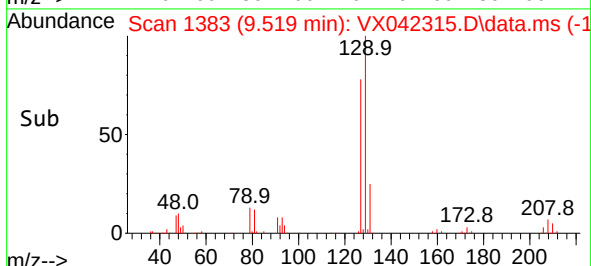
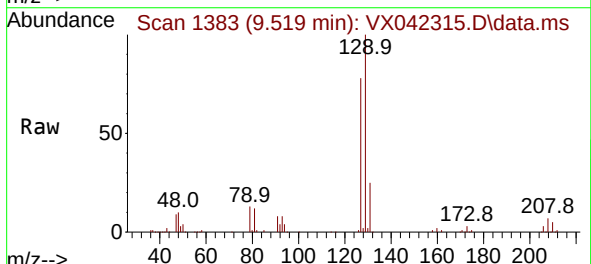
Manual Integrations
APPROVED

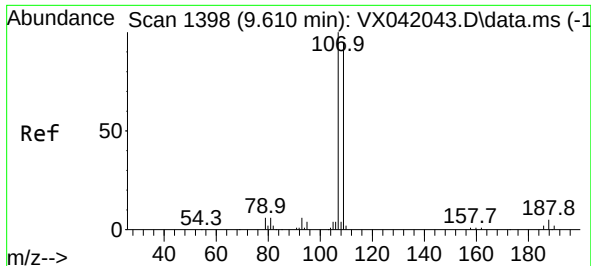
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#60
Dibromochloromethane
Concen: 59.999 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

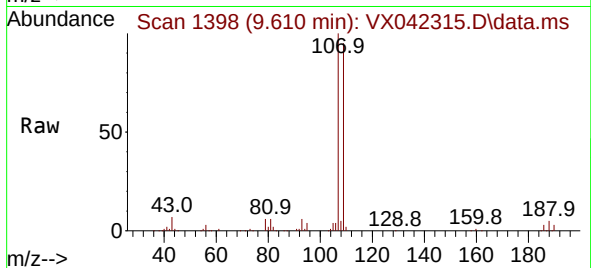
Tgt Ion:129 Resp: 96956
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.550 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

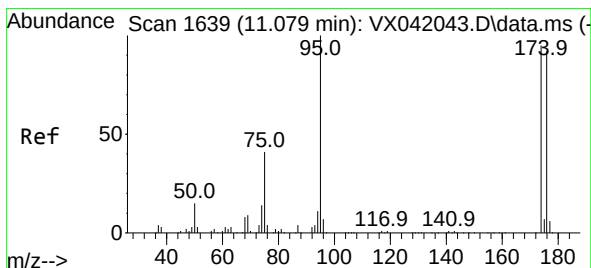
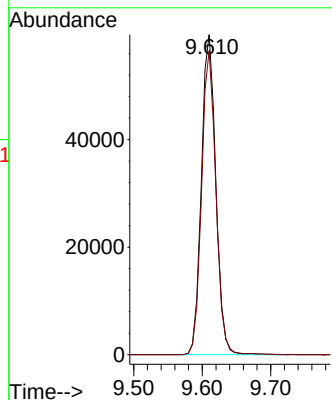
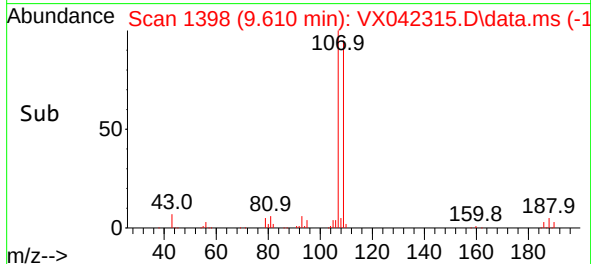
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



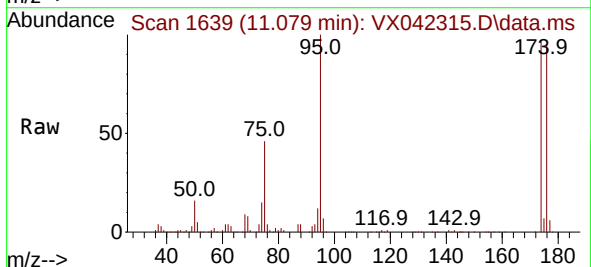
Tgt Ion:107 Resp: 87240
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

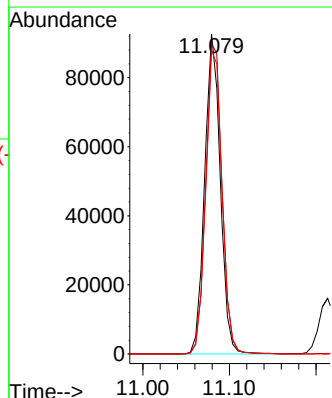
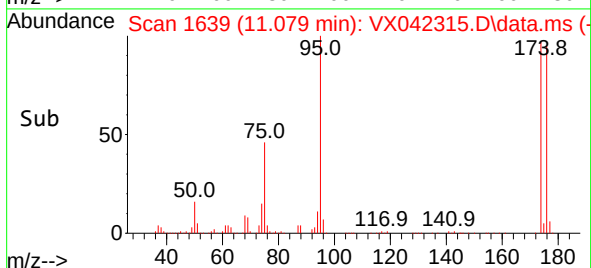
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

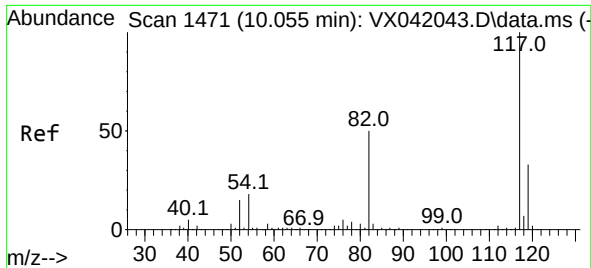


#62
4-Bromofluorobenzene
Concen: 57.071 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46



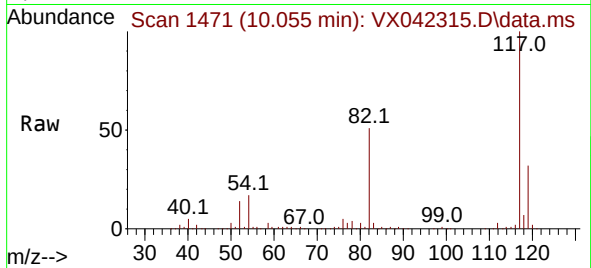
Tgt Ion: 95 Resp: 115726
Ion Ratio Lower Upper
95 100
174 101.4 0.0 135.6
176 99.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

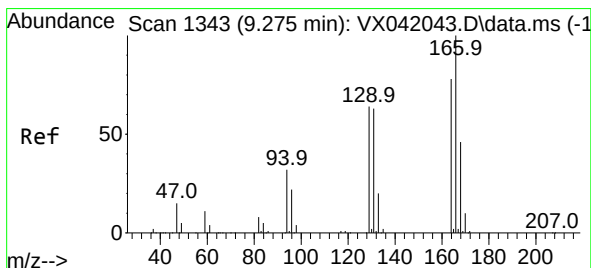
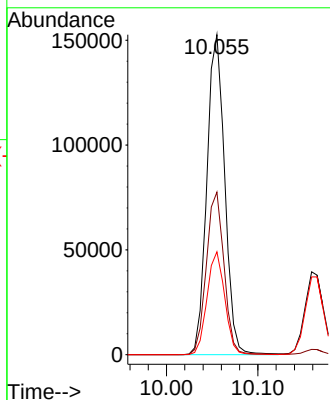
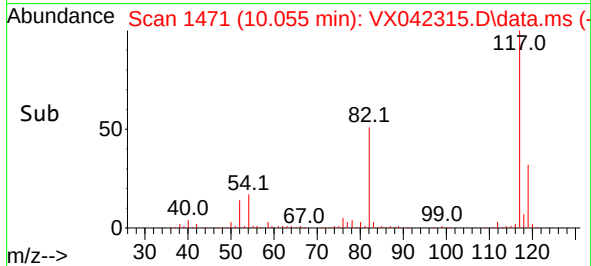
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 20662
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.1 25.5 38.3

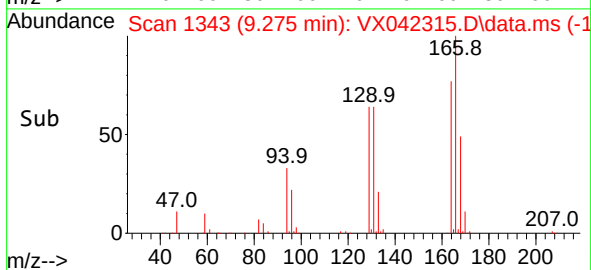
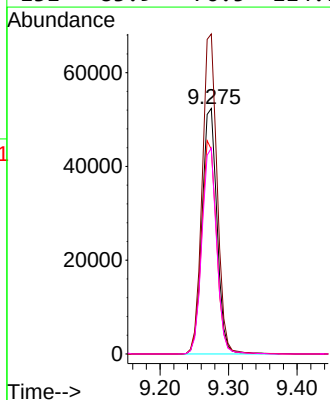
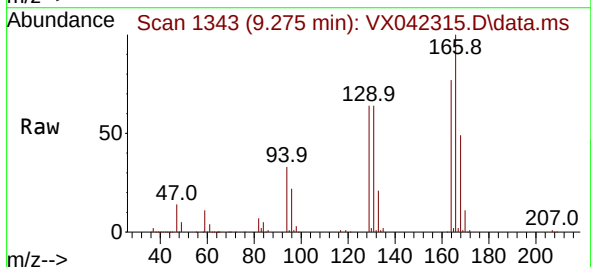
Manual Integrations
APPROVED

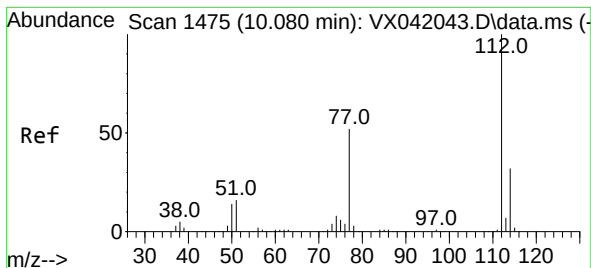
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#64
Tetrachloroethene
Concen: 52.903 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion:164 Resp: 79589
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 83.3 80.4 120.6
131 83.9 76.5 114.7





#65

Chlorobenzene

Concen: 51.964 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 223308

Ion Ratio Lower Upper

112 100

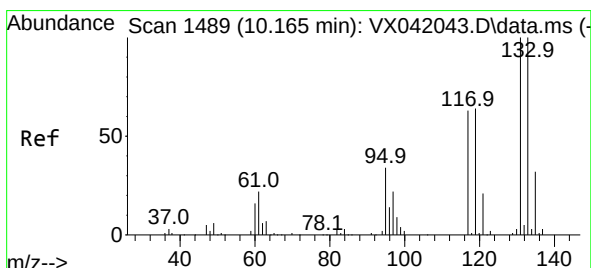
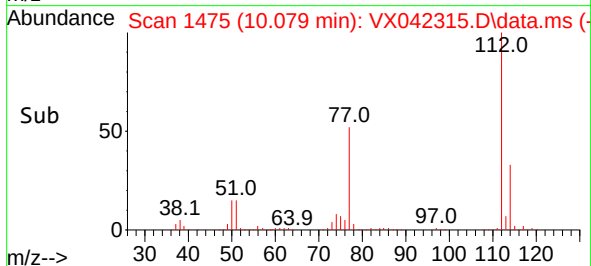
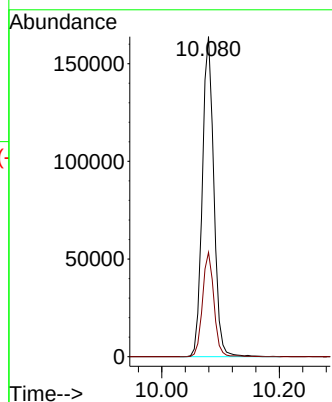
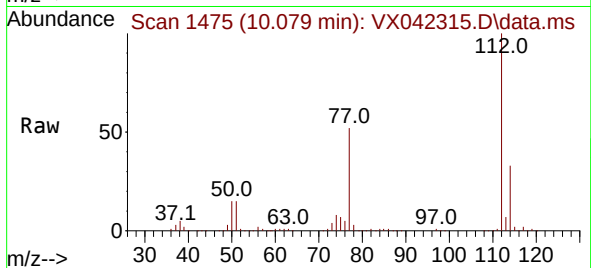
114 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 55.988 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

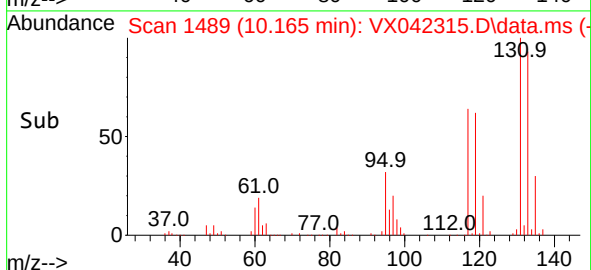
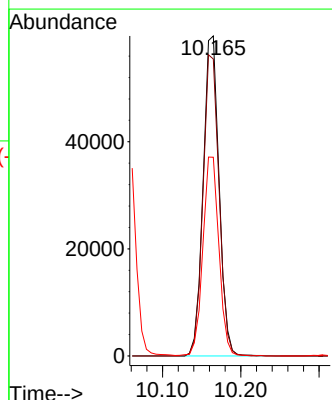
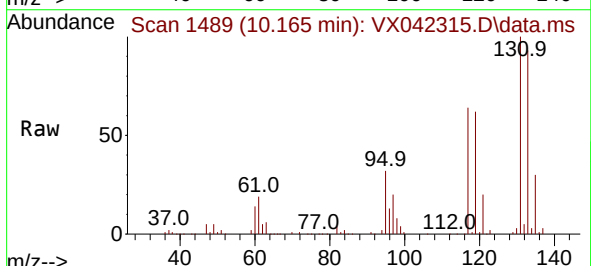
Tgt Ion:131 Resp: 84236

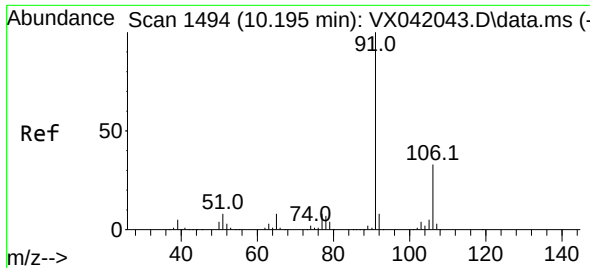
Ion Ratio Lower Upper

131 100

133 94.8 47.1 141.4

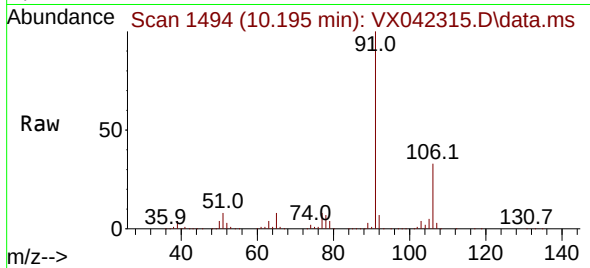
119 62.7 32.2 96.6





#67
Ethyl Benzene
Concen: 52.280 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

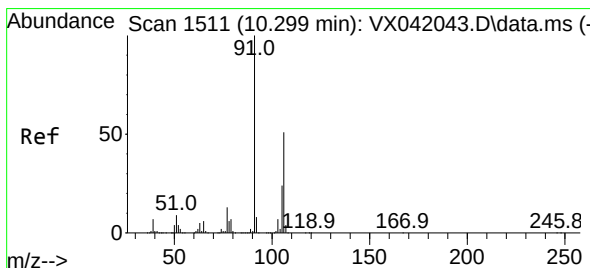
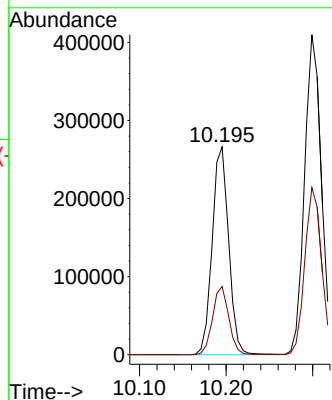
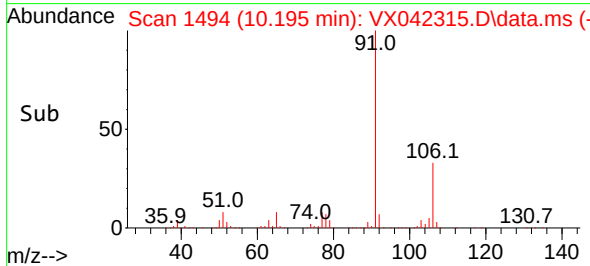
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



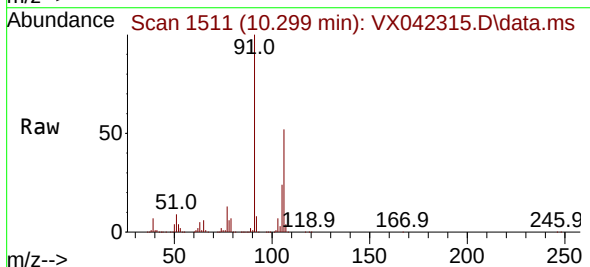
Tgt Ion: 91 Resp: 352086
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

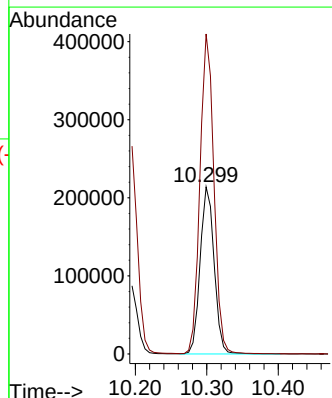
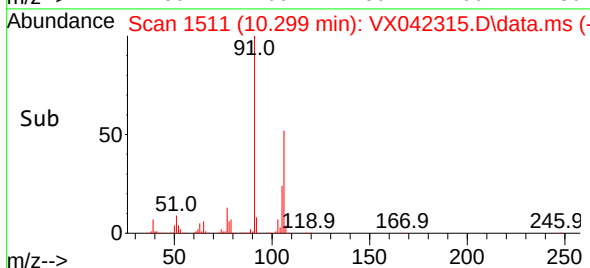
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

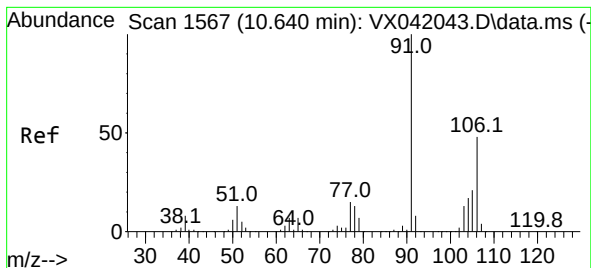


#68
m/p-Xylenes
Concen: 106.618 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46



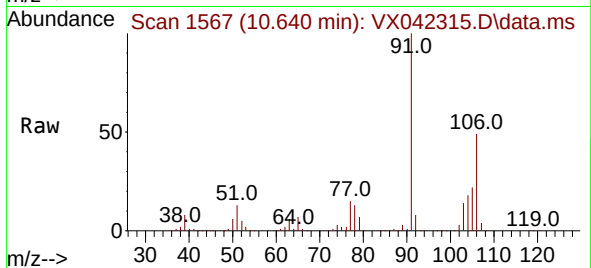
Tgt Ion:106 Resp: 289851
Ion Ratio Lower Upper
106 100
91 191.0 165.5 248.3





#69
o-Xylene
Concen: 53.612 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

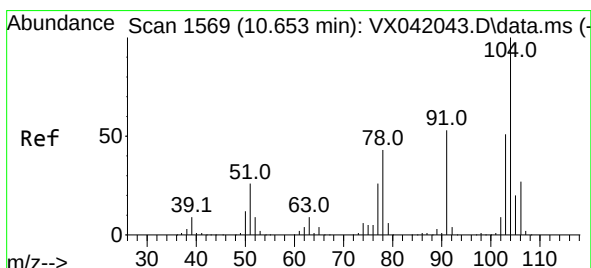
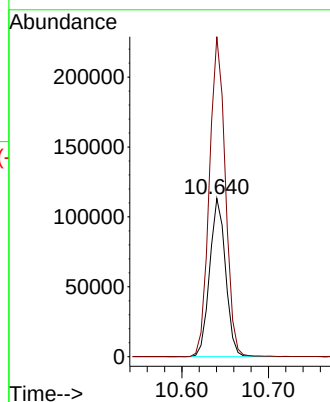
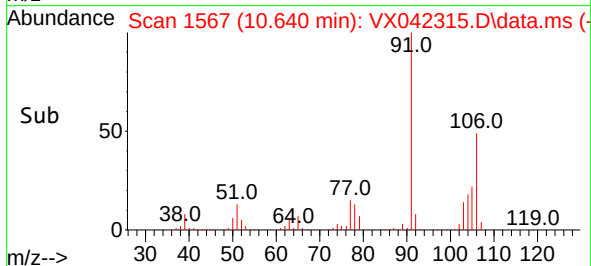
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 144298
Ion Ratio Lower Upper
106 100
91 202.7 108.9 326.8

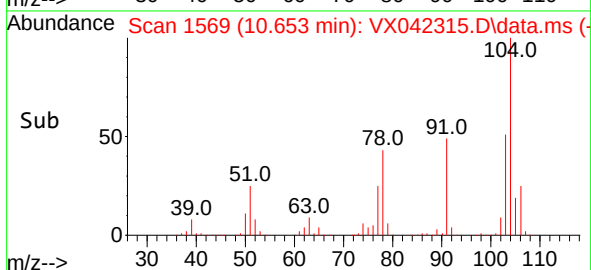
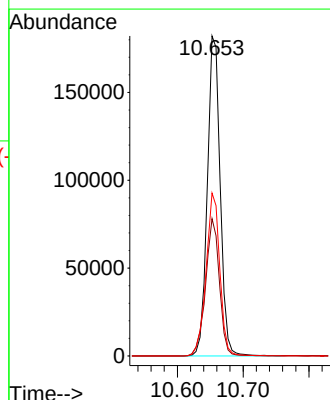
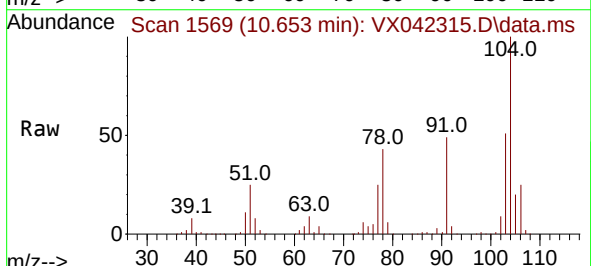
Manual Integrations
APPROVED

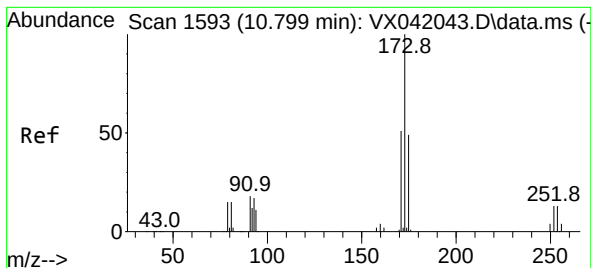
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#70
Styrene
Concen: 54.907 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion:104 Resp: 247812
Ion Ratio Lower Upper
104 100
78 46.1 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 55.607 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 81262

Ion Ratio Lower Upper

173 100

175 49.7 24.1 72.4

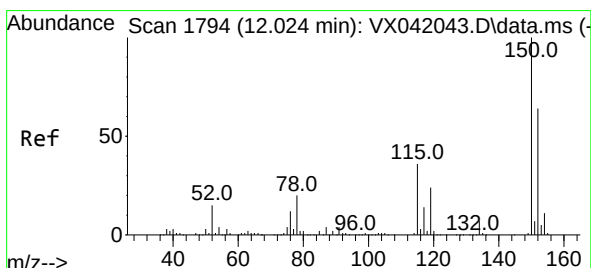
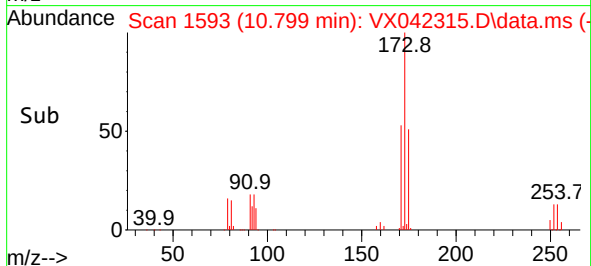
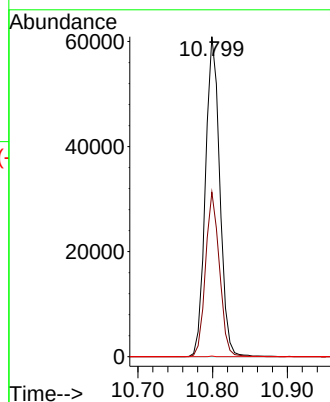
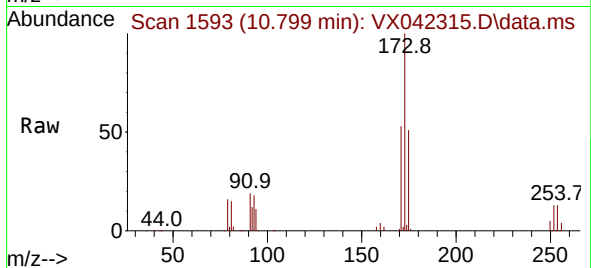
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

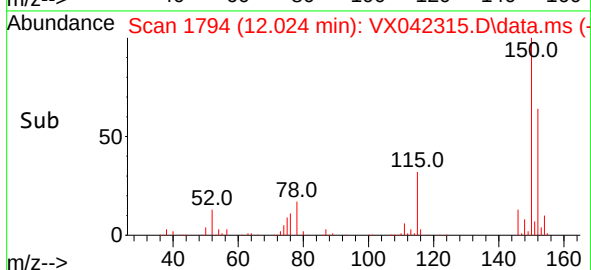
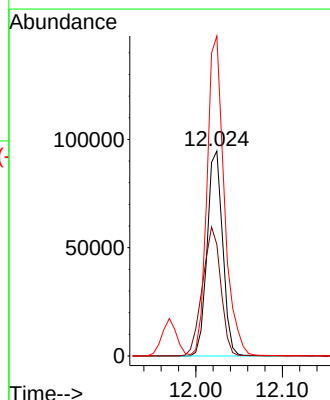
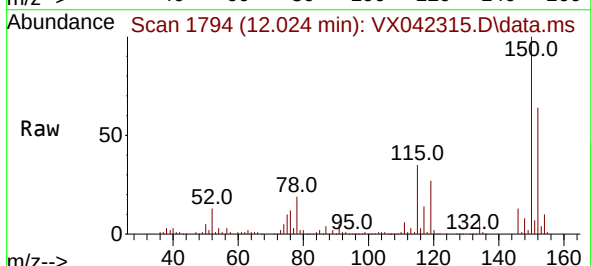
Tgt Ion:152 Resp: 117894

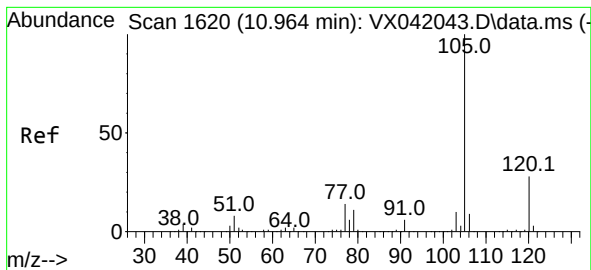
Ion Ratio Lower Upper

152 100

115 74.2 43.3 129.9

150 173.6 0.0 345.0





#73

Isopropylbenzene

Concen: 51.132 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 36653

Ion Ratio Lower Upper

105 100

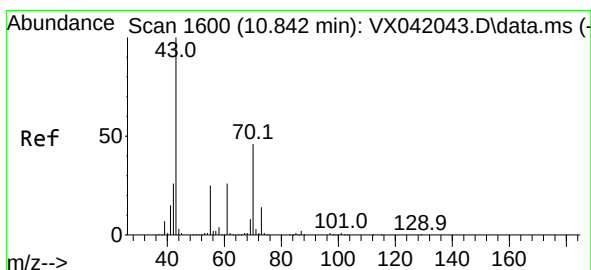
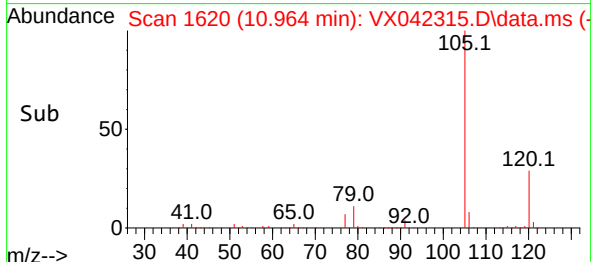
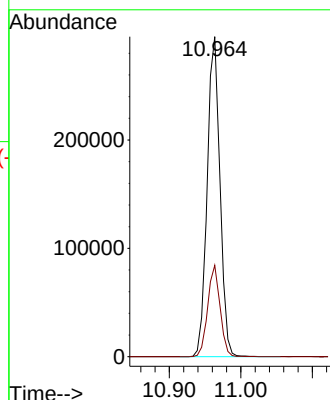
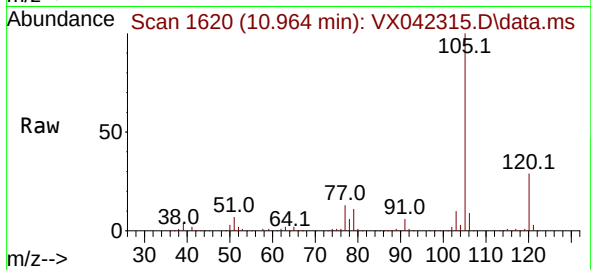
120 27.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#74

N-ethyl acetate

Concen: 50.170 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Tgt Ion: 43 Resp: 159751

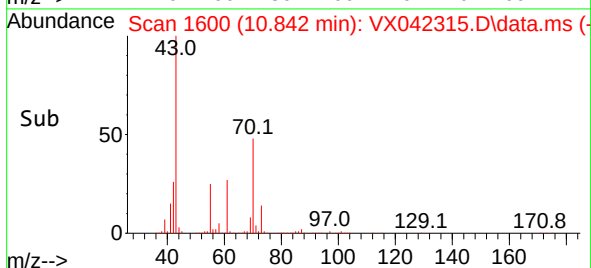
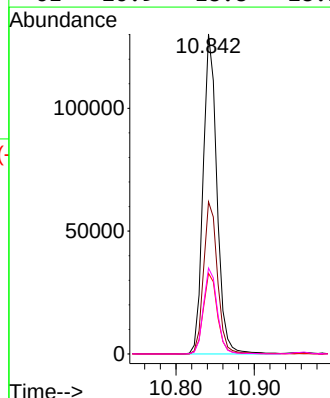
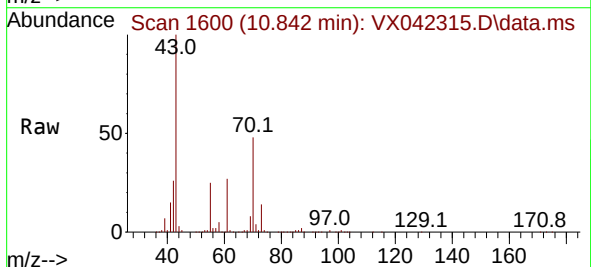
Ion Ratio Lower Upper

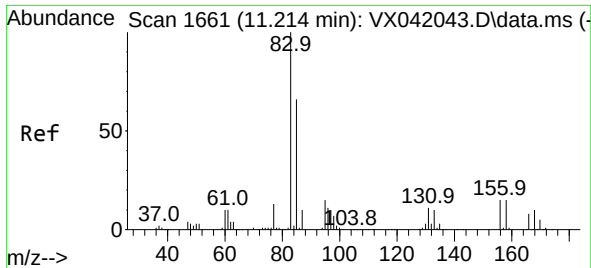
43 100

70 47.9 32.9 49.3

55 25.6 19.3 28.9

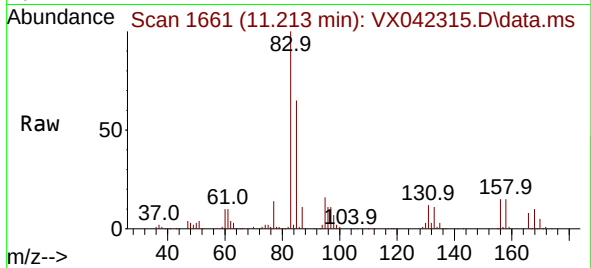
61 26.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.168 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

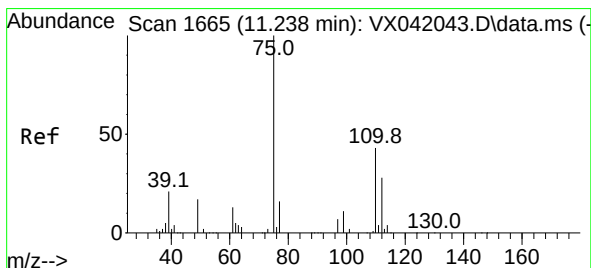
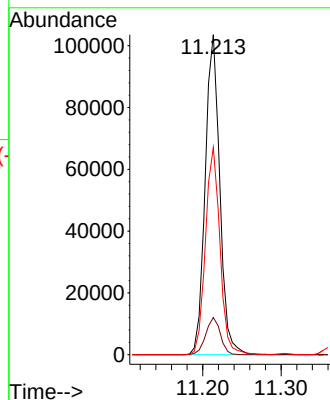
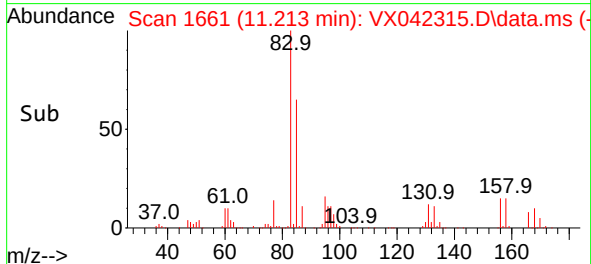
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



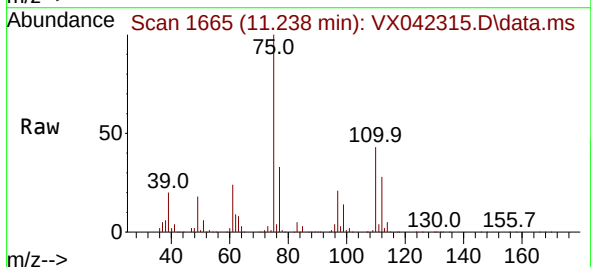
Tgt Ion: 83 Resp: 133718
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 64.5 32.0 96.2

Manual Integrations
APPROVED

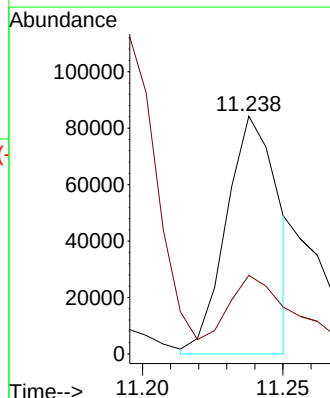
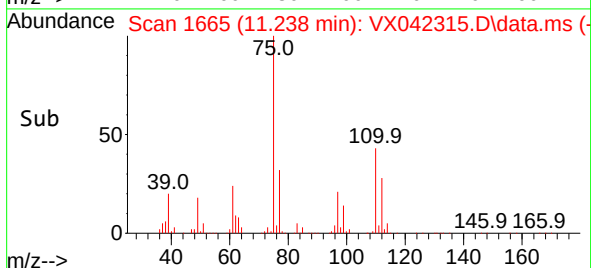
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

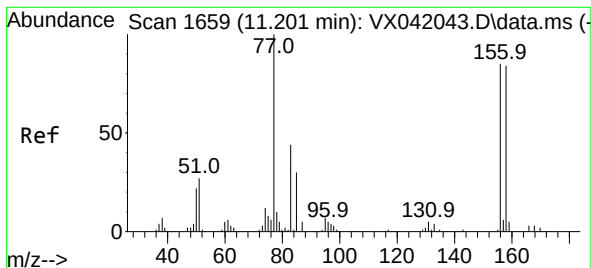


#76
1,2,3-Trichloropropane
Concen: 50.414 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46



Tgt Ion: 75 Resp: 107899
Ion Ratio Lower Upper
75 100
77 44.2 19.1 57.5





#77

Bromobenzene

Concen: 51.526 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

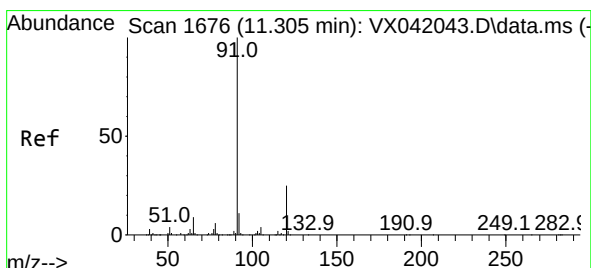
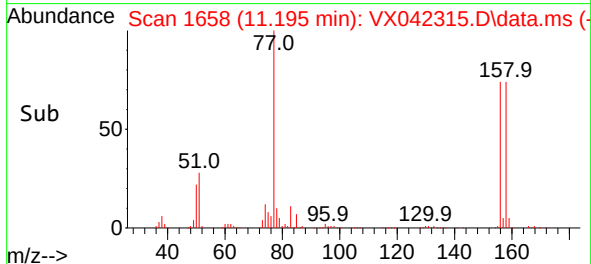
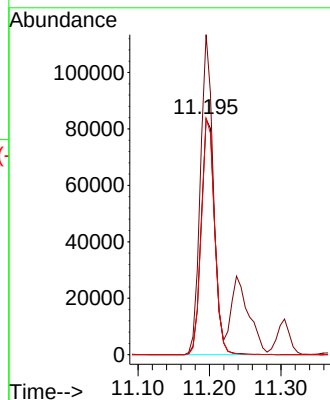
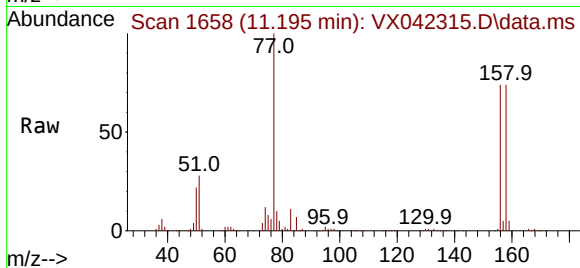
Tgt Ion:	156	Resp:	11000
Ion Ratio	Lower	Upper	
156	100		
77	127.9	88.4	265.3
158	98.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#78

n-propylbenzene

Concen: 51.547 ug/l

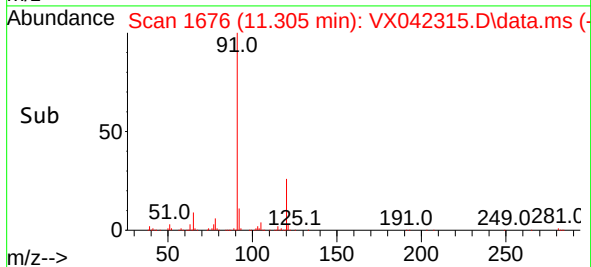
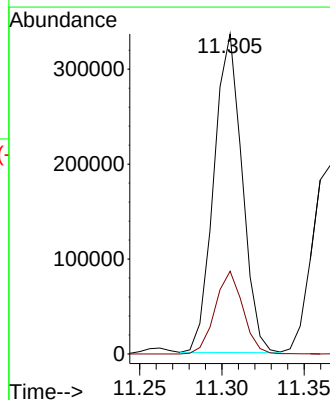
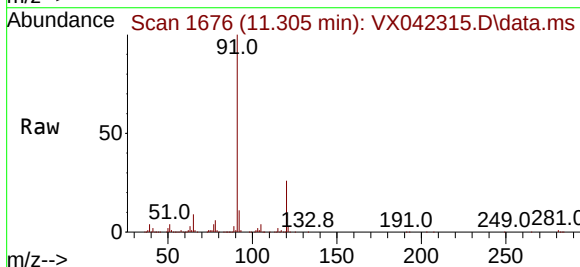
RT: 11.305 min Scan# 1676

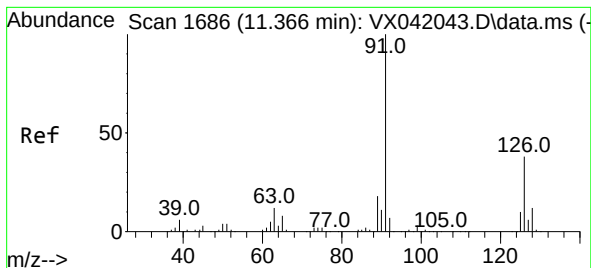
Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Tgt Ion:	91	Resp:	400931
Ion Ratio	Lower	Upper	
91	100		
120	25.6	11.5	34.4





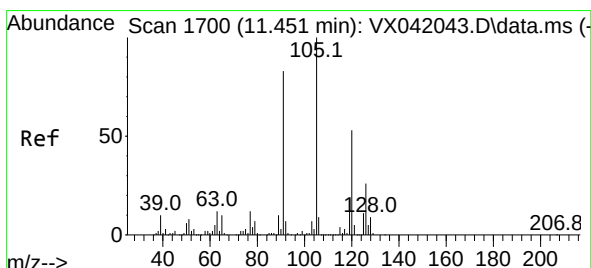
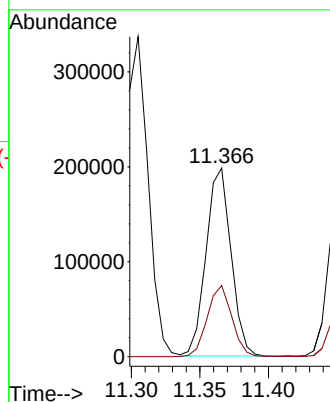
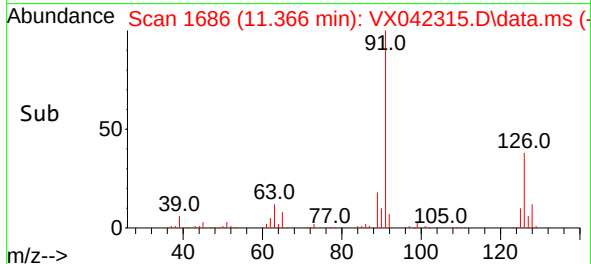
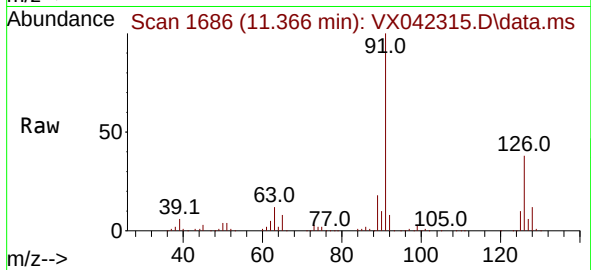
#79
2-Chlorotoluene
Concen: 50.165 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25138
Ion Ratio Lower Upper
91 100
126 37.3 16.3 48.8

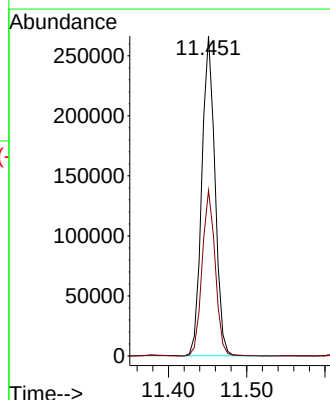
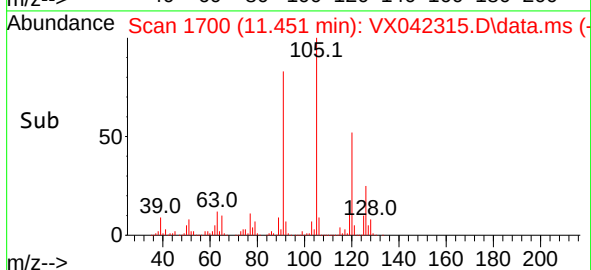
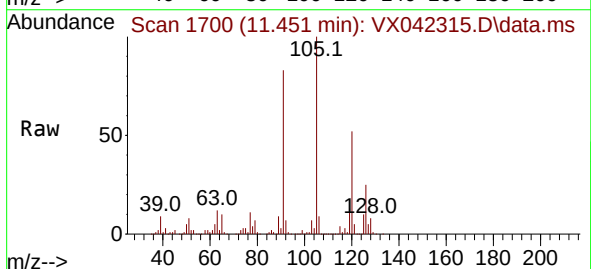
Manual Integrations
APPROVED

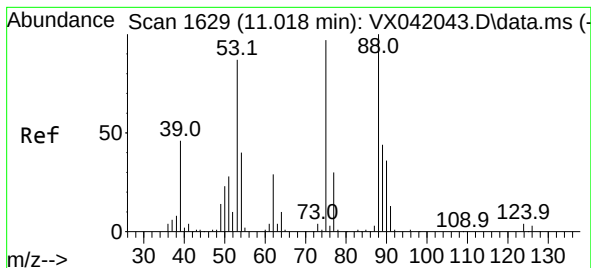
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.099 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion:105 Resp: 311071
Ion Ratio Lower Upper
105 100
120 51.4 24.1 72.3





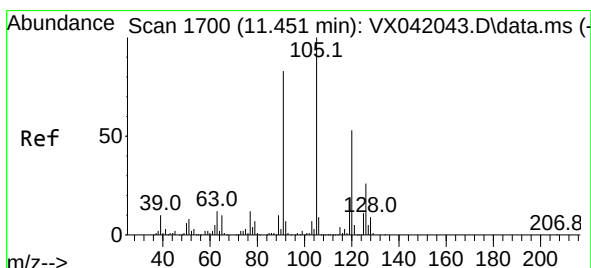
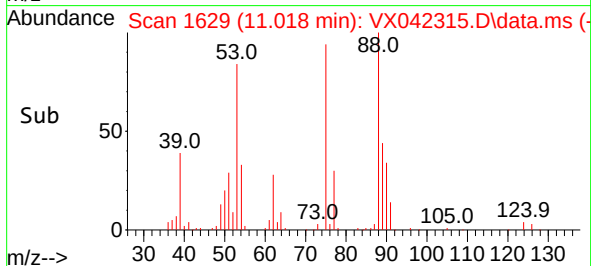
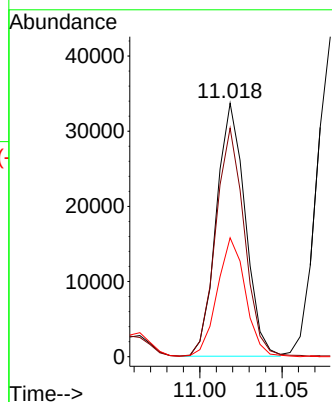
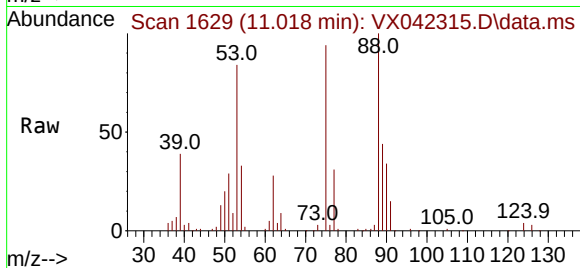
#81
trans-1,4-Dichloro-2-butene
Concen: 54.434 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 4102
Ion Ratio Lower Upper
75 100
53 89.6 90.5 135.7
89 46.2 36.9 55.3

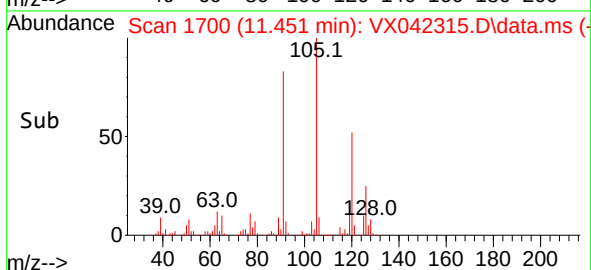
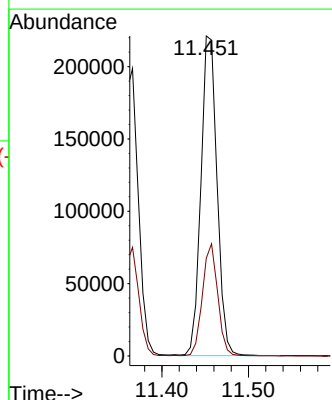
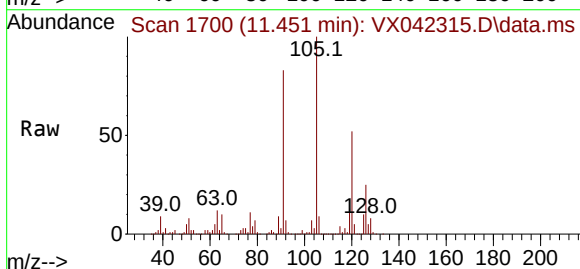
Manual Integrations
APPROVED

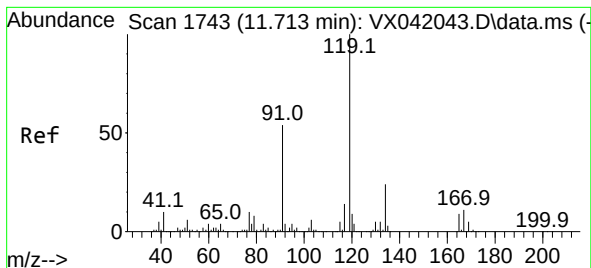
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#82
4-Chlorotoluene
Concen: 51.664 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion: 91 Resp: 286205
Ion Ratio Lower Upper
91 100
126 33.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.596 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 331478

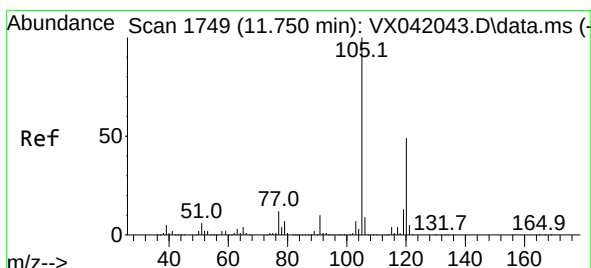
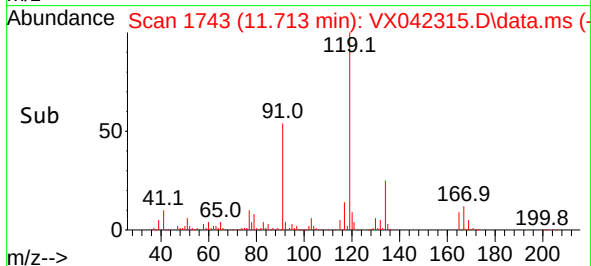
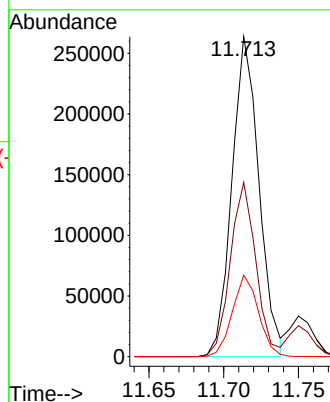
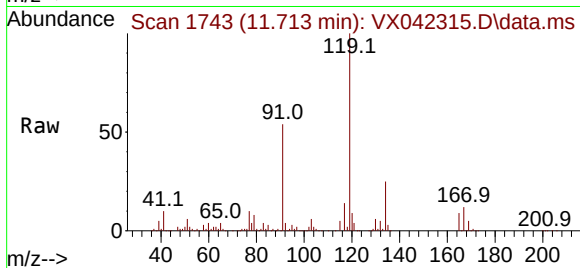
Ion	Ratio	Lower	Upper
119	100		
91	51.7	31.2	93.6
134	24.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.905 ug/l

RT: 11.750 min Scan# 1749

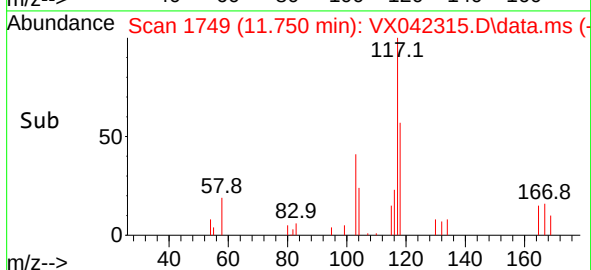
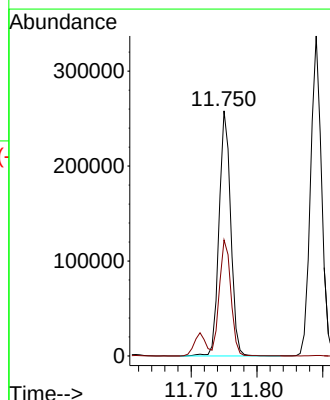
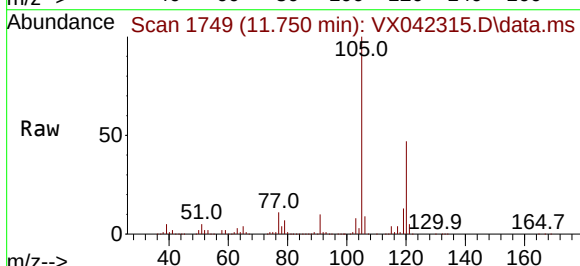
Delta R.T. 0.000 min

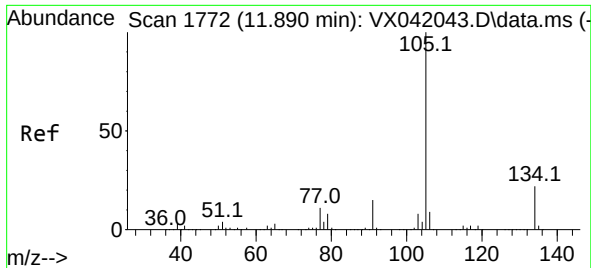
Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Tgt Ion:105 Resp: 316913

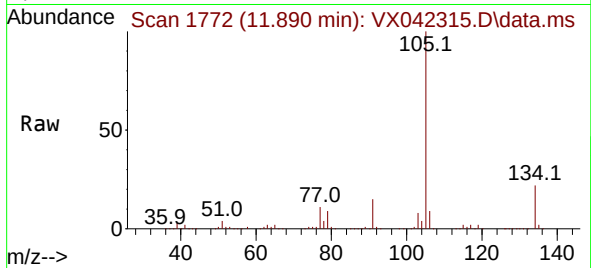
Ion	Ratio	Lower	Upper
105	100		
120	46.8	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 52.596 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042315.D
 Acq: 15 Jul 2024 09:46

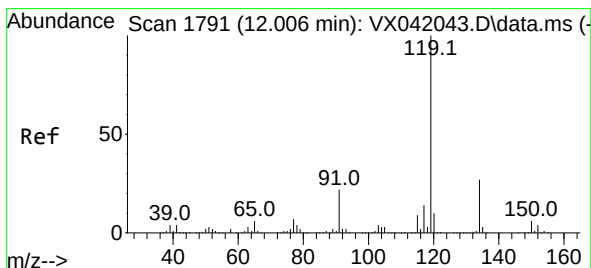
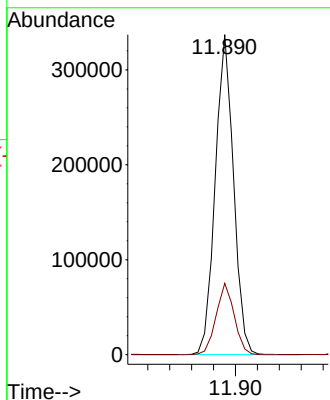
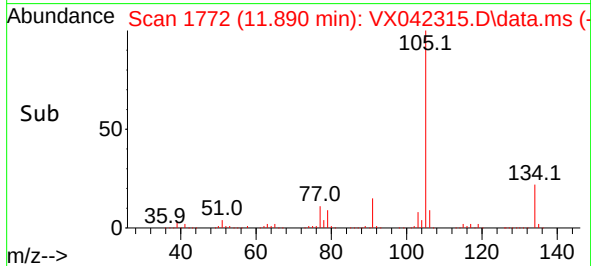
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



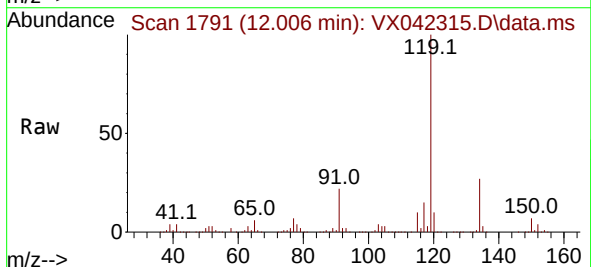
Tgt Ion:105 Resp: 389750
 Ion Ratio Lower Upper
 105 100
 134 22.2 9.8 29.4

Manual Integrations
 APPROVED

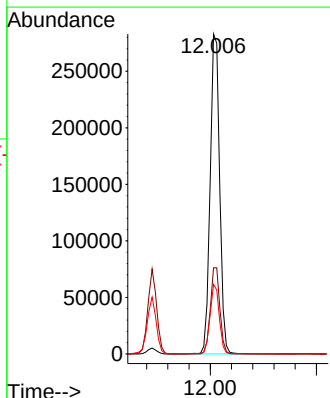
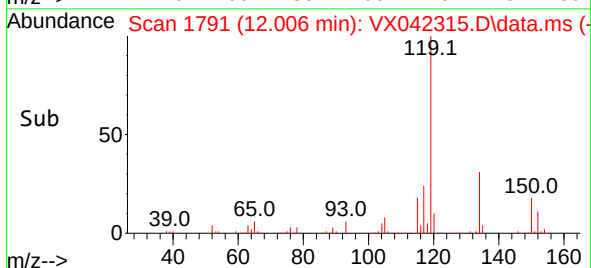
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024

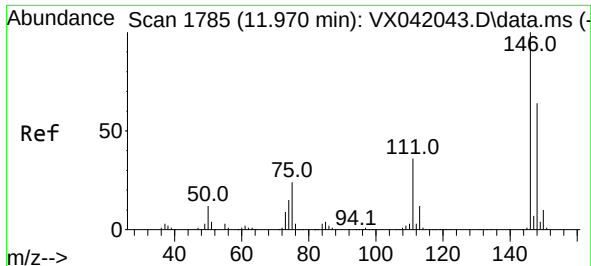


#86
 p-Isopropyltoluene
 Concen: 54.120 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042315.D
 Acq: 15 Jul 2024 09:46



Tgt Ion:119 Resp: 350326
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 21.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.256 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 196090

Ion Ratio Lower Upper

146 100

111 36.5 22.1 66.1

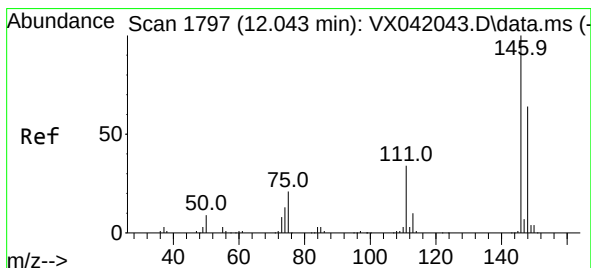
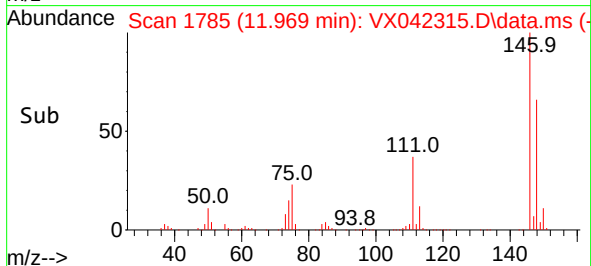
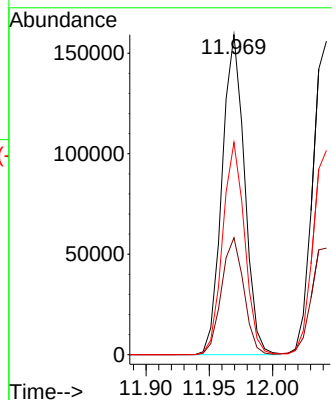
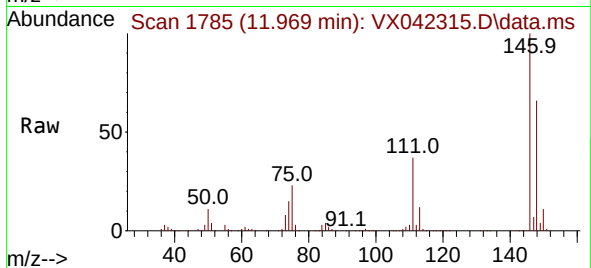
148 65.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#88

1,4-Dichlorobenzene

Concen: 50.862 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042315.D

Acq: 15 Jul 2024 09:46

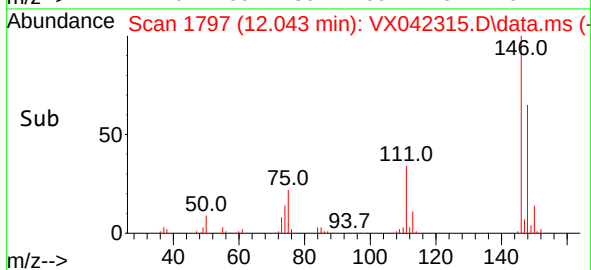
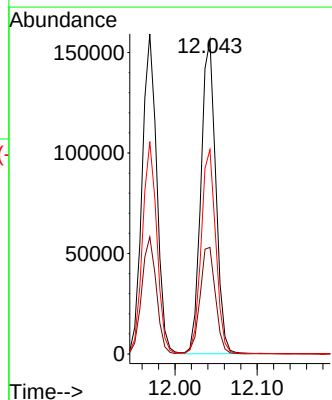
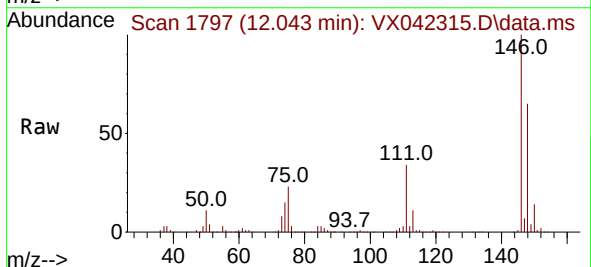
Tgt Ion:146 Resp: 195833

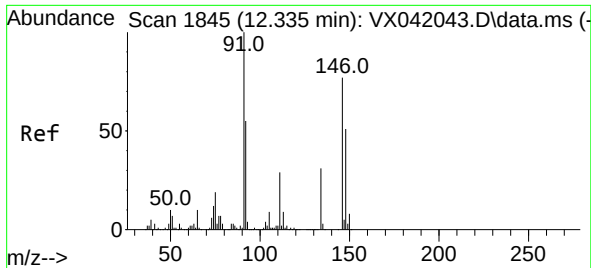
Ion Ratio Lower Upper

146 100

111 35.4 21.3 63.7

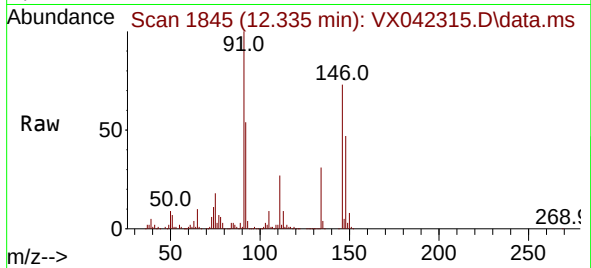
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 54.668 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

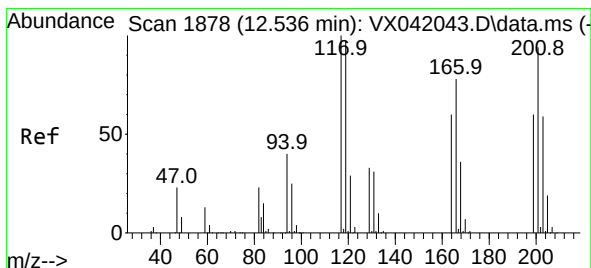
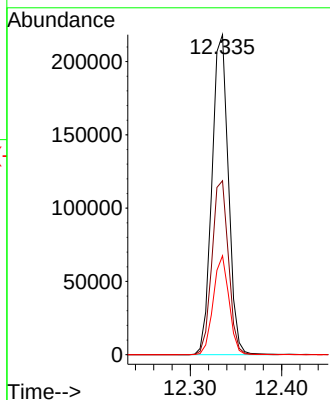
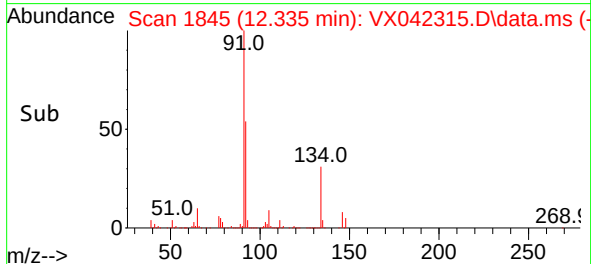
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



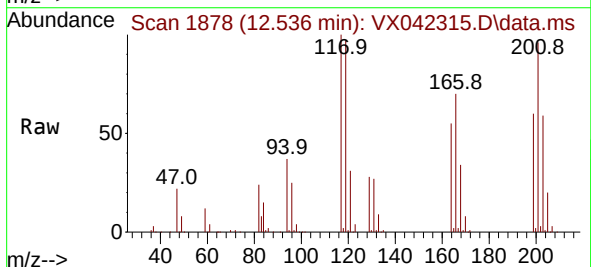
Tgt Ion: 91 Resp: 272409
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.0
134 29.7 12.6 37.8

Manual Integrations
APPROVED

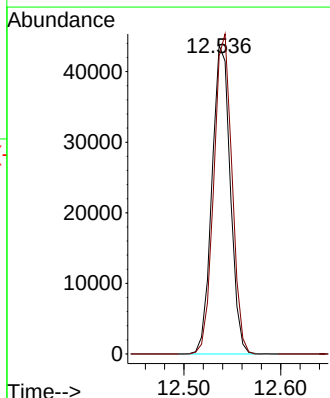
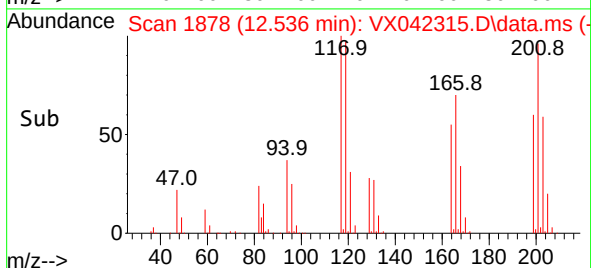
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

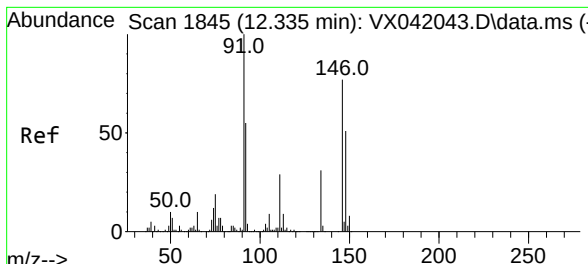


#90
Hexachloroethane
Concen: 52.243 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46



Tgt Ion:117 Resp: 57575
Ion Ratio Lower Upper
117 100
201 102.2 32.9 98.6#





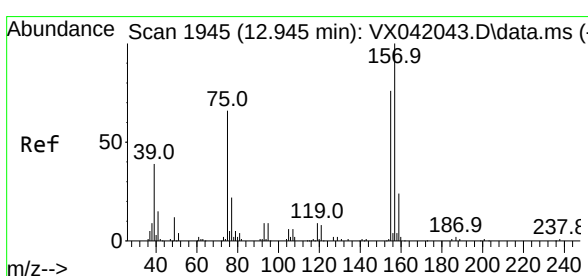
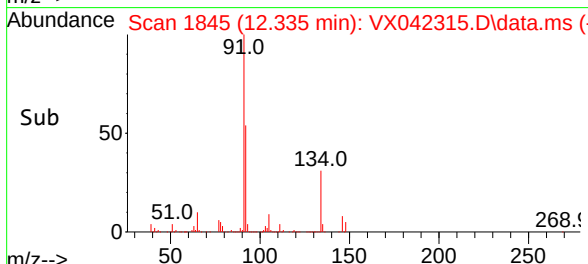
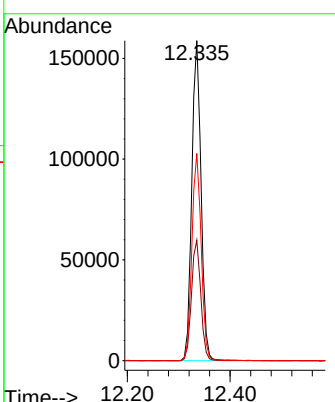
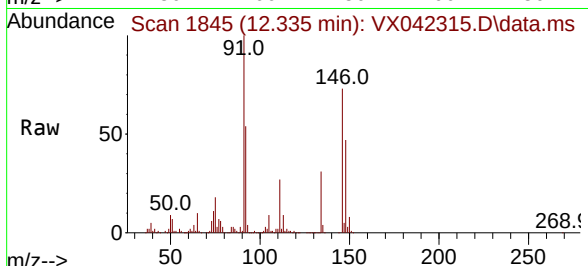
#91
 1,2-Dichlorobenzene
 Concen: 51.917 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX042315.D
 Acq: 15 Jul 2024 09:46

Instrument : MSVOA_X
 ClientSampleId : VSTDCCC050

Tgt Ion:	146	Resp:	19935
Ion Ratio	Lower	Upper	
146	100		
111	37.8	22.4	67.0
148	64.9	31.6	95.0

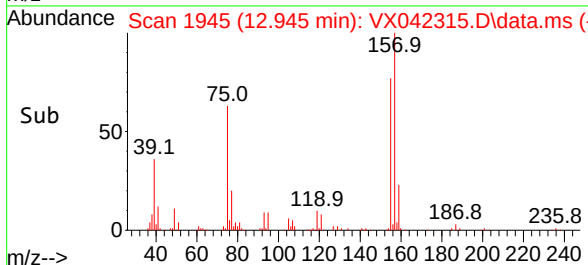
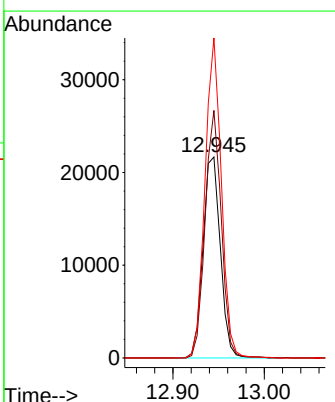
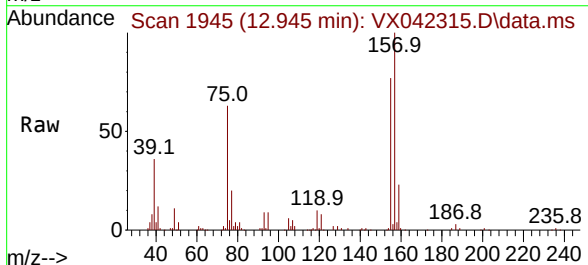
Manual Integrations
 APPROVED

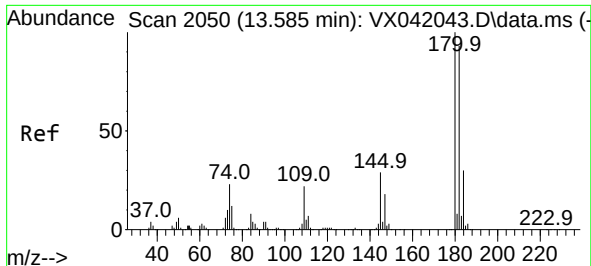
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.120 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX042315.D
 Acq: 15 Jul 2024 09:46

Tgt Ion:	75	Resp:	28587
Ion Ratio	Lower	Upper	
75	100		
155	115.0	36.1	108.5#
157	149.3	44.9	134.7#





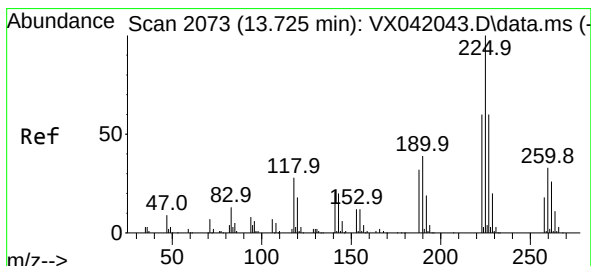
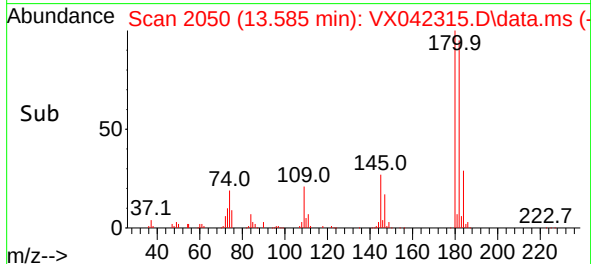
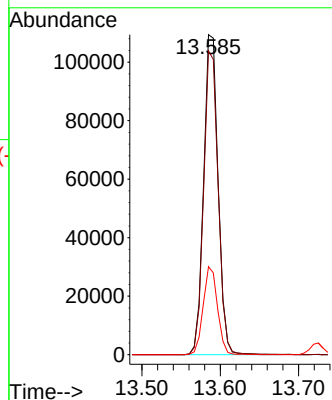
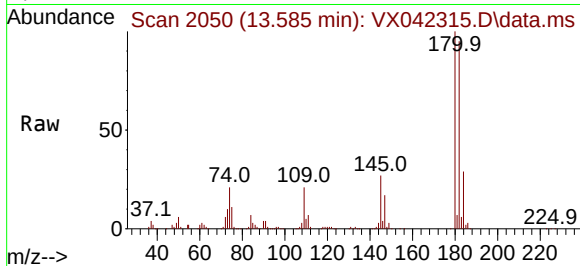
#93
1,2,4-Trichlorobenzene
Concen: 55.791 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 140339
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 27.2 18.0 54.0

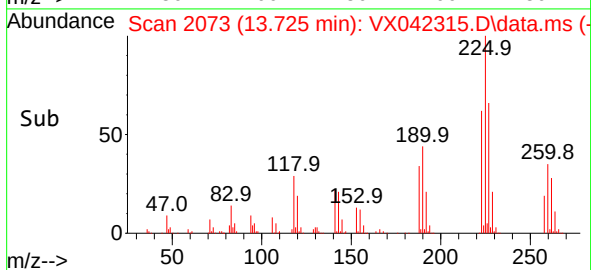
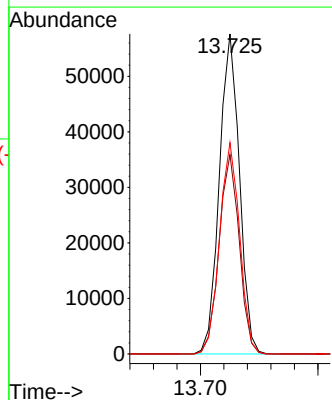
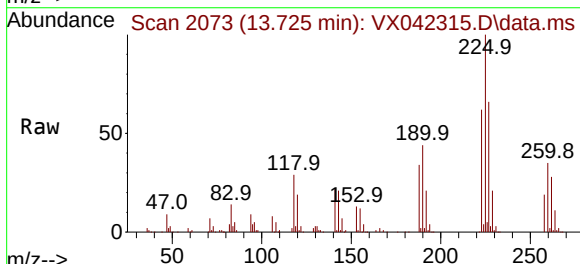
Manual Integrations
APPROVED

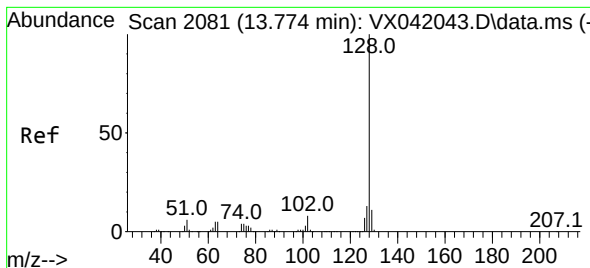
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#94
Hexachlorobutadiene
Concen: 53.809 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

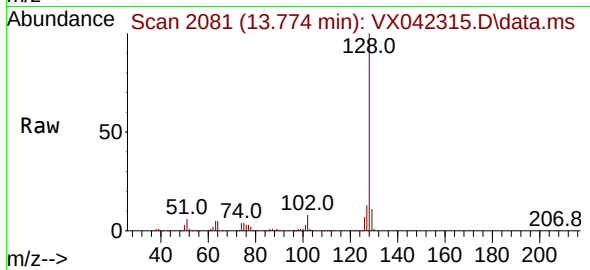
Tgt Ion:225 Resp: 68445
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.2
227 66.0 32.5 97.5





#95
Naphthalene
Concen: 51.315 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

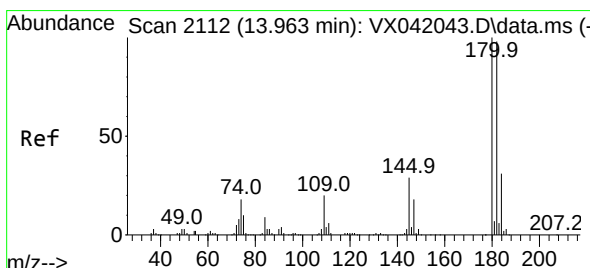
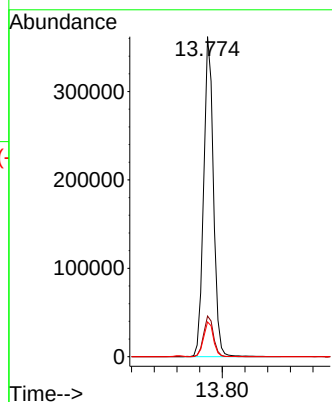
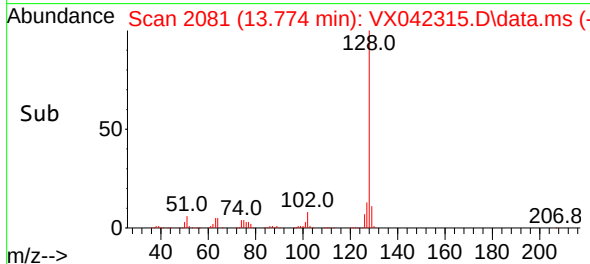
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 43390
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 54.747 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042315.D
Acq: 15 Jul 2024 09:46

Tgt Ion:180 Resp: 145242
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 29.1 17.8 53.5

