

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039725.D
 Acq On : 12 Jan 2024 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2024
 Supervised By : Mahesh Dadoda 01/15/2024

Quant Time: Jan 12 22:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	105846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79732	44.968	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.940%		
35) Dibromofluoromethane	5.385	113	61490	49.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.480%		
50) Toluene-d8	8.646	98	232954	49.962	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.920%		
62) 4-Bromofluorobenzene	11.079	95	89853	49.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70226	51.280	ug/l	99
3) Chloromethane	1.294	50	72432	46.312	ug/l	98
4) Vinyl Chloride	1.373	62	74918	50.758	ug/l	99
5) Bromomethane	1.593	94	38259	45.429	ug/l	98
6) Chloroethane	1.666	64	33739	40.210	ug/l	99
7) Trichlorofluoromethane	1.873	101	110342	51.823	ug/l	99
8) Diethyl Ether	2.135	74	41458	52.689	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.318	101	68463	51.865	ug/l	99
10) Methyl Iodide	2.446	142	79004	56.733	ug/l	93
11) Tert butyl alcohol	3.013	59	98800	214.062	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	64744	50.822	ug/l	92
13) Acrolein	2.233	56	74234	262.241	ug/l	98
14) Allyl chloride	2.660	41	122240	48.753	ug/l	97
15) Acrylonitrile	3.062	53	221458	232.284	ug/l	99
16) Acetone	2.379	43	204050	204.630	ug/l	90
17) Carbon Disulfide	2.501	76	171498	46.837	ug/l	100
18) Methyl Acetate	2.702	43	101795	48.795	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	231126	51.103	ug/l	97
20) Methylene Chloride	2.782	84	74657	49.497	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	68123	50.814	ug/l	95
22) Diisopropyl ether	3.757	45	246536	51.524	ug/l	92
23) Vinyl Acetate	3.714	43	1139724	256.243	ug/l	100
24) 1,1-Dichloroethane	3.605	63	134350	51.038	ug/l	99
25) 2-Butanone	4.556	43	326142	227.595	ug/l	100
26) 2,2-Dichloropropane	4.470	77	111230	52.648	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	80461	52.328	ug/l	98
28) Bromochloromethane	4.891	49	58979	49.428	ug/l	96
29) Tetrahydrofuran	5.001	42	211340	229.135	ug/l	100
30) Chloroform	5.086	83	134973	51.940	ug/l	97
31) Cyclohexane	5.464	56	120608	51.541	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	114985	51.685	ug/l	99
36) 1,1-Dichloropropene	5.684	75	98649	51.265	ug/l	99
37) Ethyl Acetate	4.714	43	123609	48.151	ug/l	99
38) Carbon Tetrachloride	5.665	117	93981	53.325	ug/l	94
39) Methylcyclohexane	7.378	83	125347	54.246	ug/l	98
40) Benzene	6.031	78	292947	53.763	ug/l	99

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 Supervised By : Mahesh Dadoda 01/15/2024

Quant Time: Jan 12 22:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	65368	52.071	ug/l	96
42) 1,2-Dichloroethane	6.080	62	110434	53.310	ug/l	99
43) Isopropyl Acetate	6.336	43	197033	52.321	ug/l	100
44) Trichloroethene	7.116	130	72927	54.611	ug/l	97
45) 1,2-Dichloropropane	7.427	63	78995	54.043	ug/l	98
46) Dibromomethane	7.580	93	53241	52.735	ug/l	99
47) Bromodichloromethane	7.817	83	99724	53.333	ug/l	97
48) Methyl methacrylate	7.689	41	94898	51.267	ug/l	95
49) 1,4-Dioxane	7.665	88	34810	971.882	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	651783	251.305	ug/l	99
52) Toluene	8.714	92	181284	55.701	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	110866	55.877	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	121152	55.531	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	74071	53.456	ug/l	91
56) Ethyl methacrylate	9.116	69	124751	55.627	ug/l	98
57) 1,3-Dichloropropane	9.305	76	126039	53.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	300747	283.714	ug/l	94
59) 2-Hexanone	9.433	43	523217	254.894	ug/l	99
60) Dibromochloromethane	9.518	129	73131	55.964	ug/l	100
61) 1,2-Dibromoethane	9.610	107	78606	54.781	ug/l	100
64) Tetrachloroethene	9.268	164	59015	54.722	ug/l	96
65) Chlorobenzene	10.079	112	189923	54.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	67878	57.714	ug/l	98
67) Ethyl Benzene	10.189	91	353482	55.123	ug/l	97
68) m/p-Xylenes	10.299	106	263390	111.684	ug/l	97
69) o-Xylene	10.640	106	130612	55.924	ug/l	97
70) Styrene	10.652	104	214351	56.184	ug/l	100
71) Bromoform	10.799	173	51438	58.245	ug/l #	99
73) Isopropylbenzene	10.963	105	347317	53.664	ug/l	100
74) N-amyl acetate	10.841	43	186774	55.364	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	127641	51.648	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	103427m	49.075	ug/l	
77) Bromobenzene	11.195	156	76047	52.773	ug/l	96
78) n-propylbenzene	11.305	91	420827	53.723	ug/l	98
79) 2-Chlorotoluene	11.366	91	247977	51.220	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	294789	53.629	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	37099	52.300	ug/l	94
82) 4-Chlorotoluene	11.451	91	285026	51.903	ug/l	99
83) tert-Butylbenzene	11.713	119	285559	54.415	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	301276	54.938	ug/l	100
85) sec-Butylbenzene	11.890	105	374133	54.921	ug/l	99
86) p-Isopropyltoluene	12.006	119	303429	55.731	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	150501	54.484	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149398	52.366	ug/l	98
89) n-Butylbenzene	12.329	91	285823	54.354	ug/l	97
90) Hexachloroethane	12.536	117	51726	56.315	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	147128	53.876	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	28688	47.372	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	89006	53.334	ug/l	99
94) Hexachlorobutadiene	13.725	225	38673	55.746	ug/l	98
95) Naphthalene	13.774	128	325931	53.052	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	90242	53.578	ug/l	98

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ClientSampleId :
VSTDCCC050

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Quant Time: Jan 12 22:32:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

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

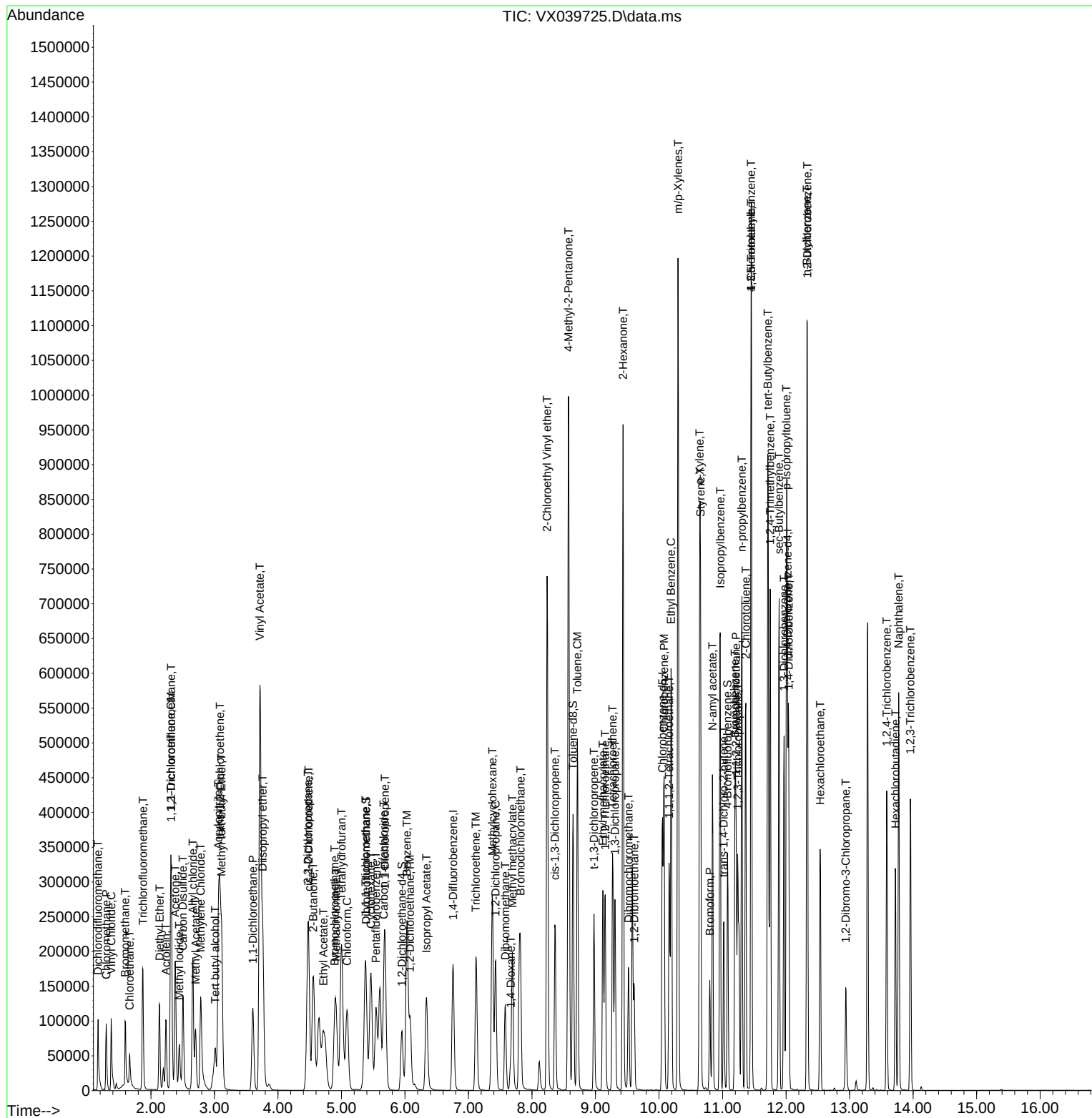
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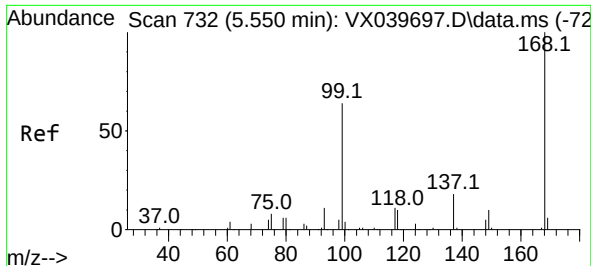
Instrument :
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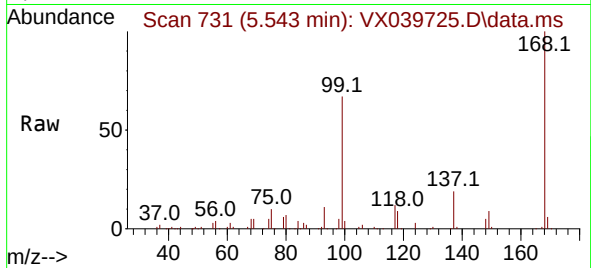
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX039725.D
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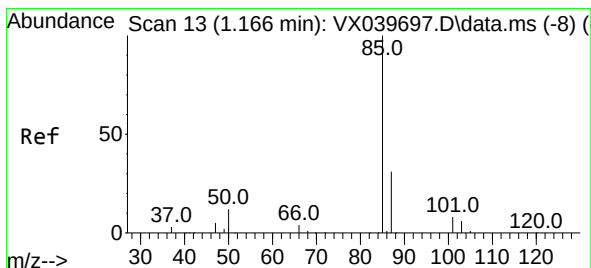
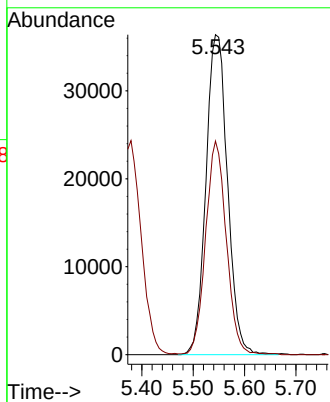
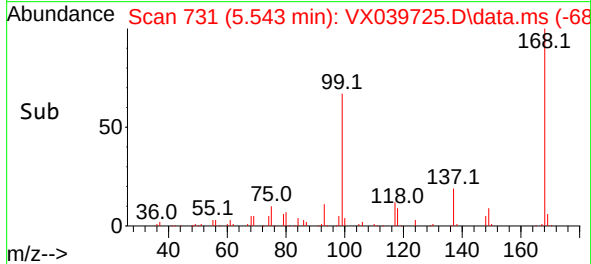
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 105840
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0

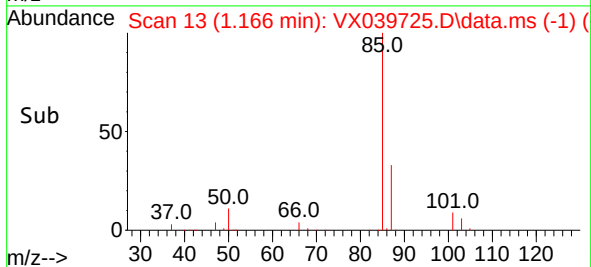
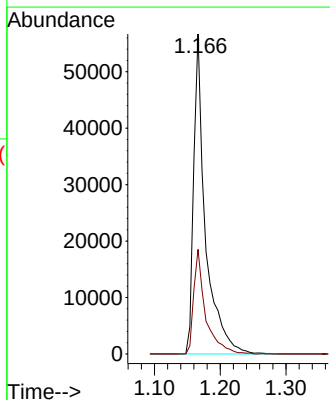
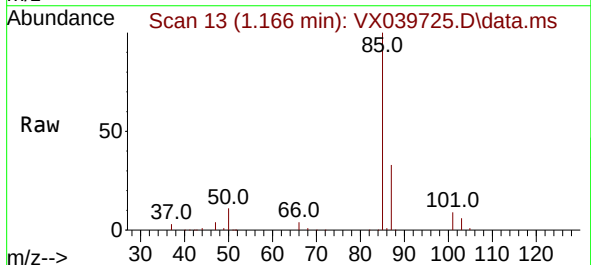
Manual Integrations
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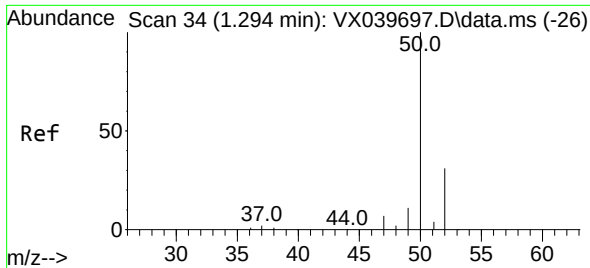
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#2
Dichlorodifluoromethane
Concen: 51.280 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

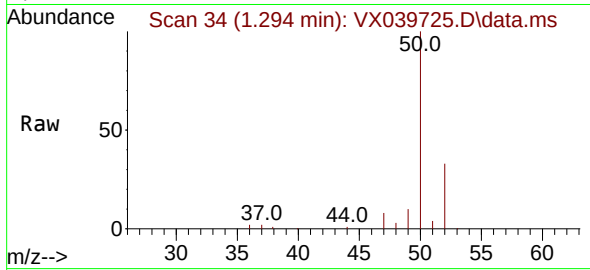
Tgt Ion: 85 Resp: 70226
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 46.312 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

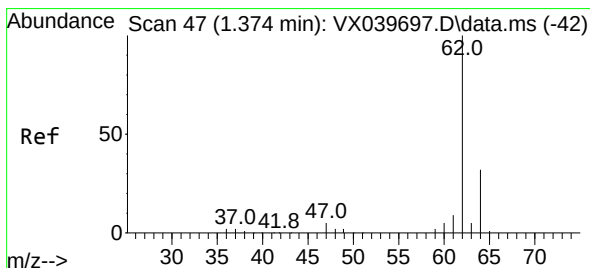
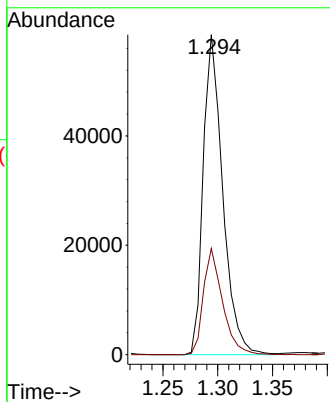
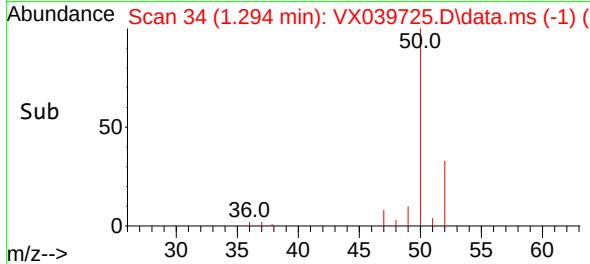
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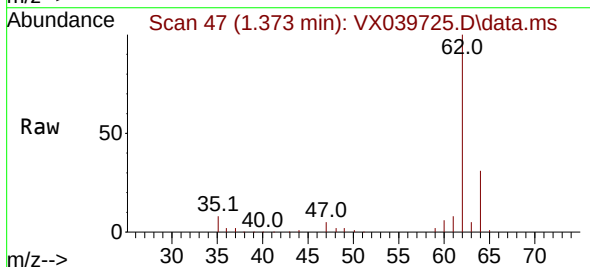
Tgt Ion: 50 Resp: 7243
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

Manual Integrations
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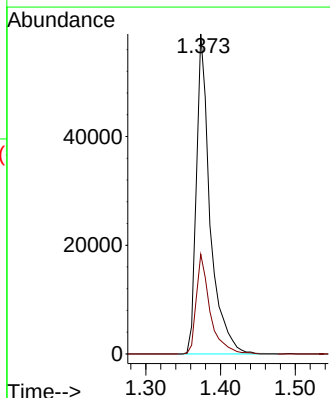
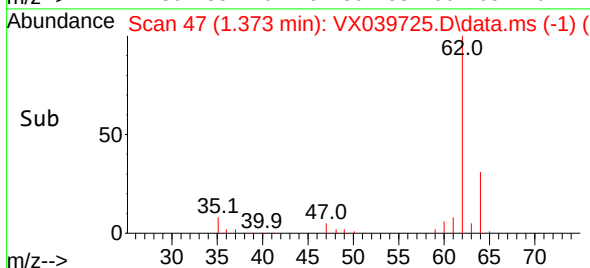
Reviewed By :John Carlone 01/15/2024
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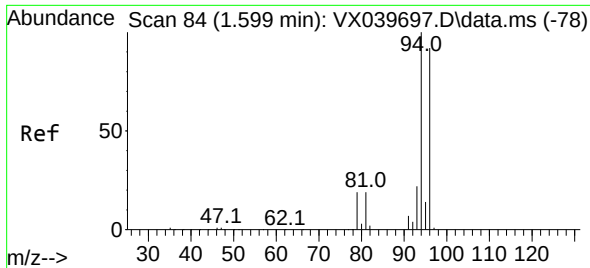


#4
Vinyl Chloride
Concen: 50.758 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



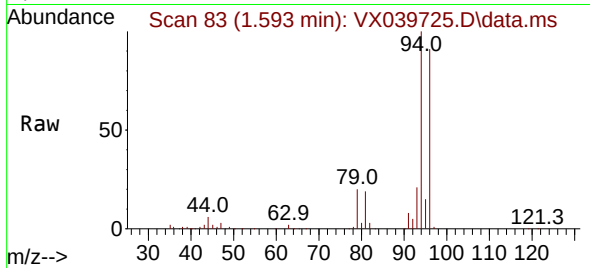
Tgt Ion: 62 Resp: 74918
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
 Bromomethane
 Concen: 45.429 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VX039725.D
 Acq: 12 Jan 2024 10:27

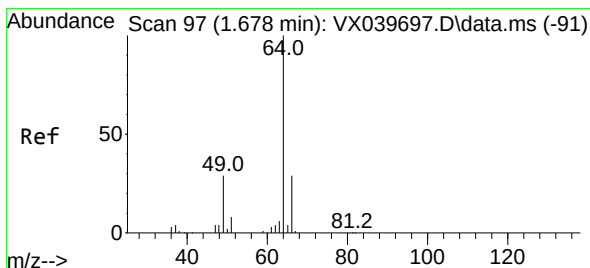
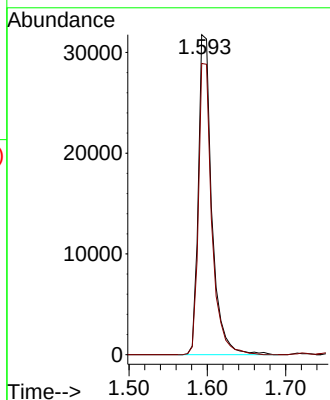
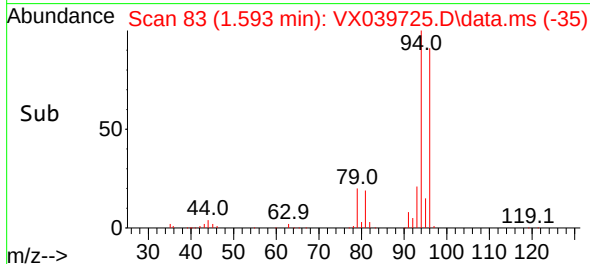
Instrument :
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Tgt Ion: 94 Resp: 38259
 Ion Ratio Lower Upper
 94 100
 96 91.0 74.6 111.8

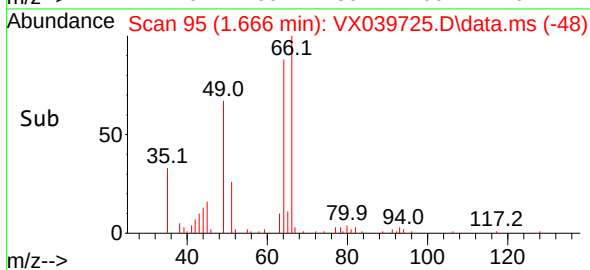
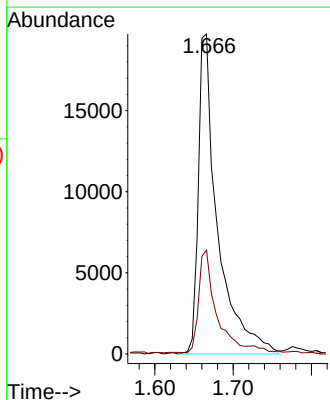
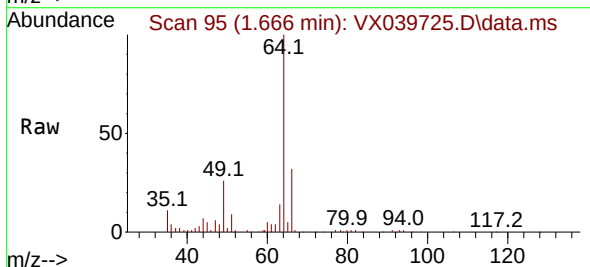
Manual Integrations
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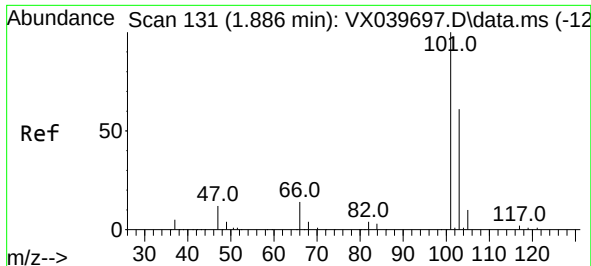
Reviewed By :John Carlone 01/15/2024
 Supervised By :Mahesh Dadoda 01/15/2024



#6
 Chloroethane
 Concen: 40.210 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. -0.012 min
 Lab File: VX039725.D
 Acq: 12 Jan 2024 10:27

Tgt Ion: 64 Resp: 33739
 Ion Ratio Lower Upper
 64 100
 66 32.0 25.1 37.7





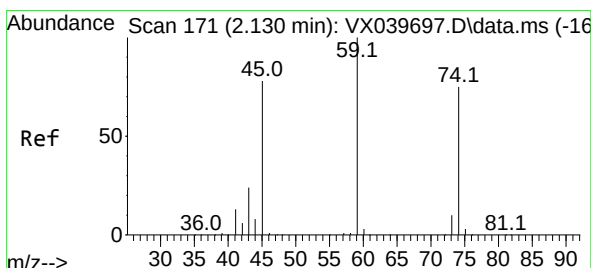
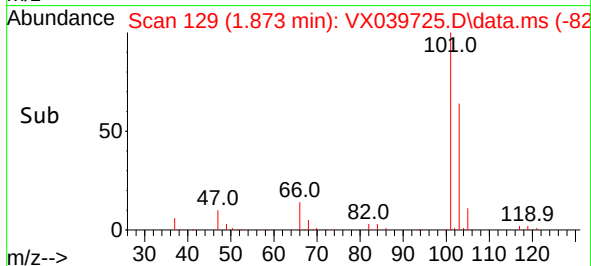
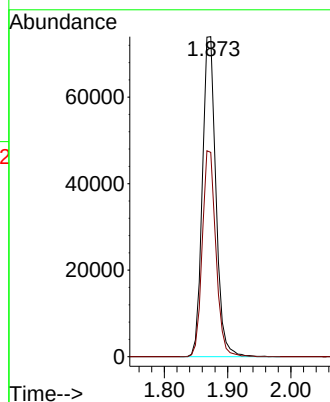
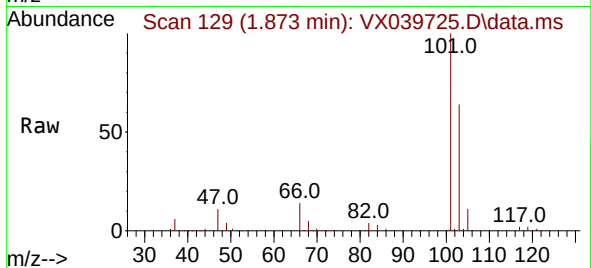
#7
Trichlorofluoromethane
Concen: 51.823 ug/l
RT: 1.873 min Scan# 110
Delta R.T. -0.012 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11034
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

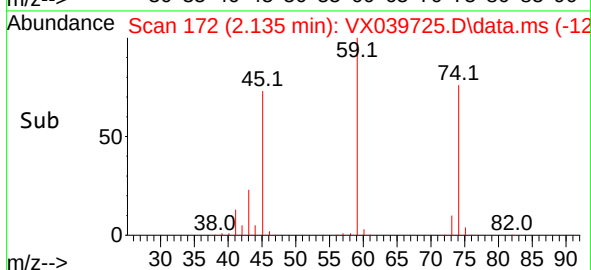
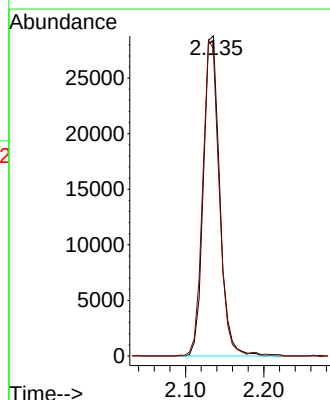
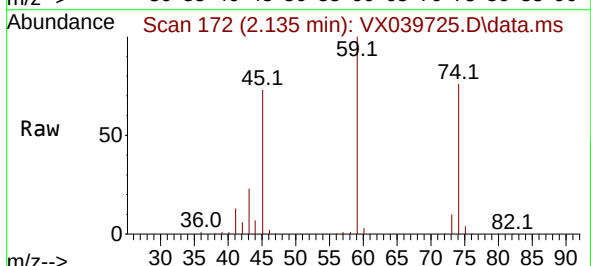
Manual Integrations
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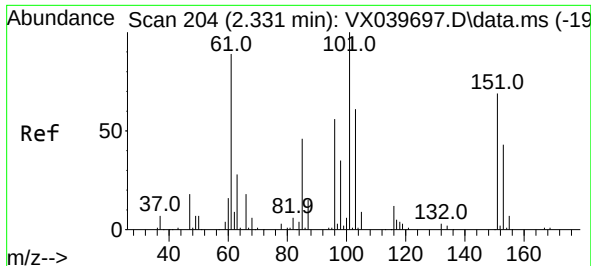
Reviewed By :John Carlone 01/15/2024
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#8
Diethyl Ether
Concen: 52.689 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion: 74 Resp: 41458
Ion Ratio Lower Upper
74 100
45 99.4 53.3 159.8





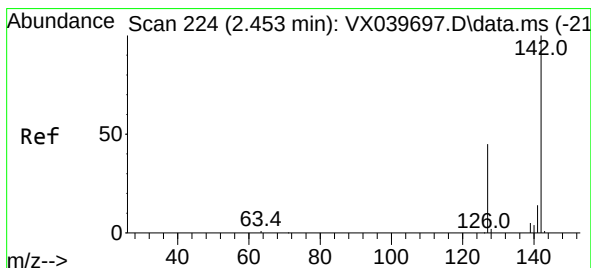
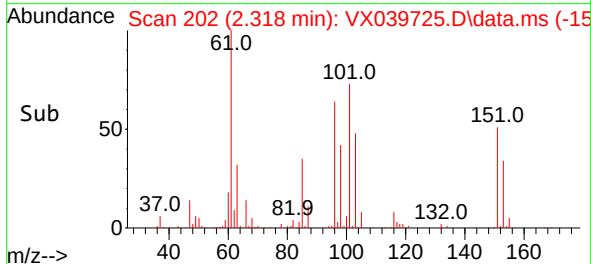
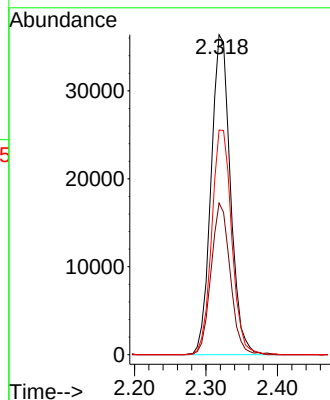
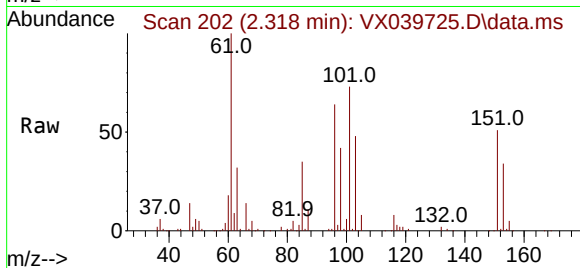
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.865 ug/l
RT: 2.318 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6846
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 72.5 58.6 87.8

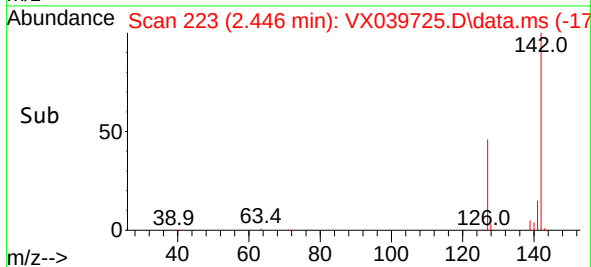
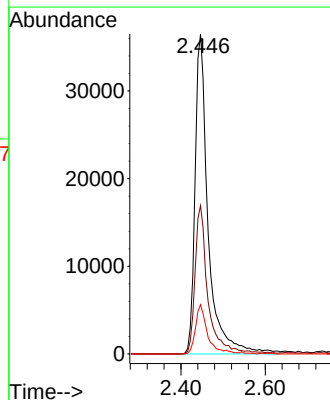
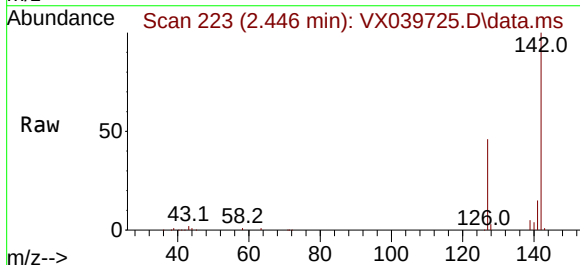
Manual Integrations
APPROVED

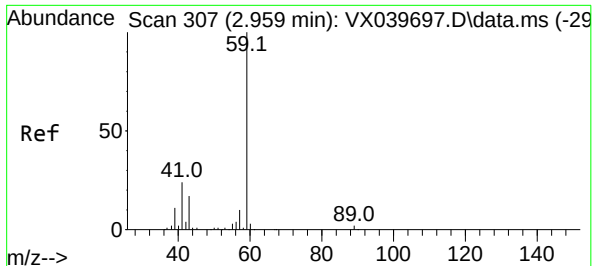
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#10
Methyl Iodide
Concen: 56.733 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion:142 Resp: 79004
Ion Ratio Lower Upper
142 100
127 46.0 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 214.062 ug/l

RT: 3.013 min Scan# 316

Delta R.T. 0.055 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 98800

Ion Ratio Lower Upper

59 100

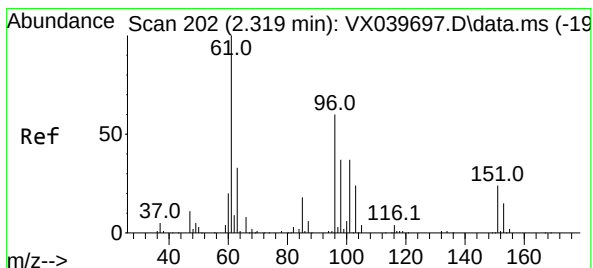
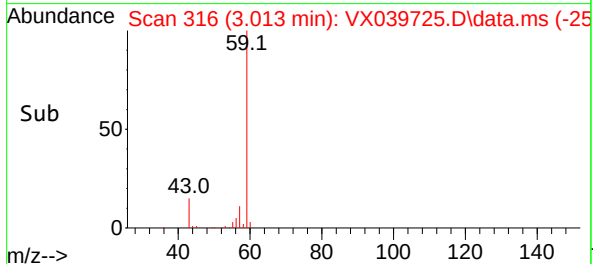
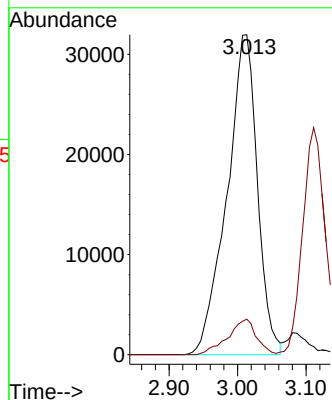
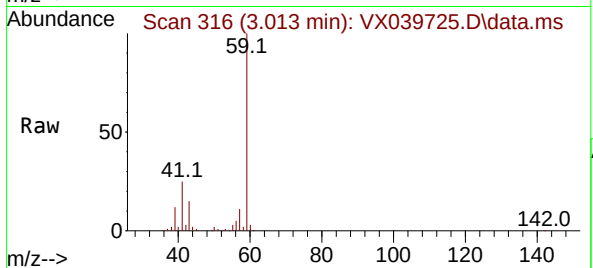
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#12

1,1-Dichloroethene

Concen: 50.822 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

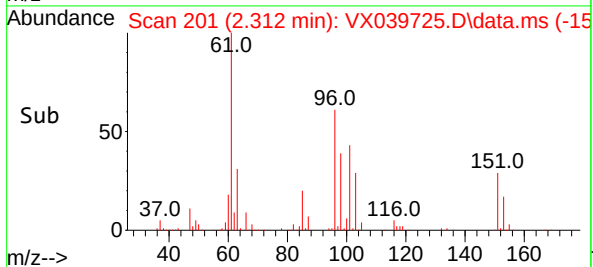
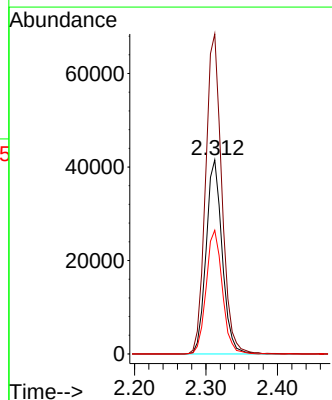
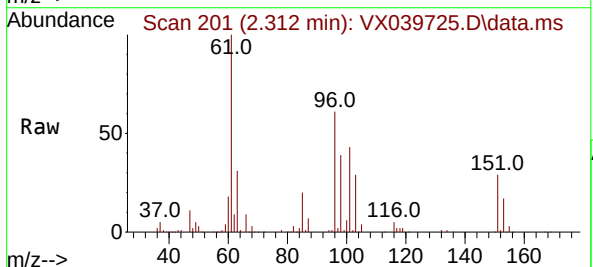
Tgt Ion: 96 Resp: 64744

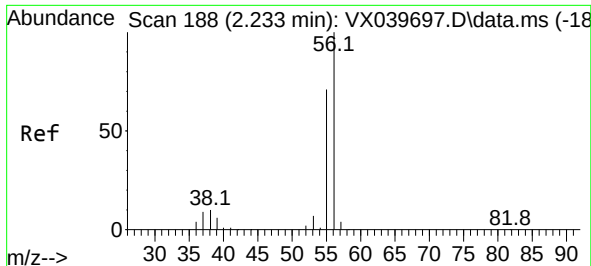
Ion Ratio Lower Upper

96 100

61 164.9 144.6 216.8

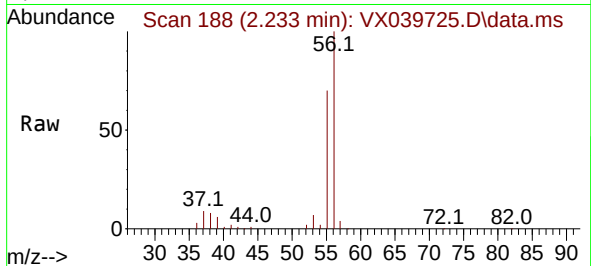
98 63.7 50.4 75.6





#13
Acrolein
Concen: 262.241 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

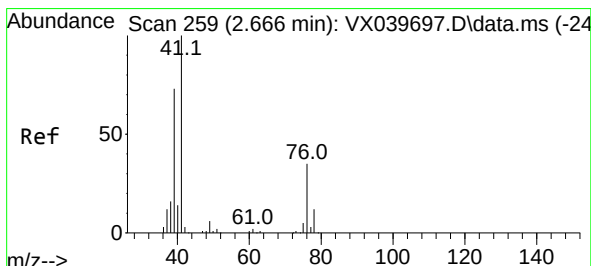
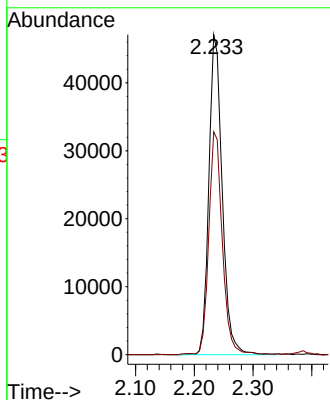
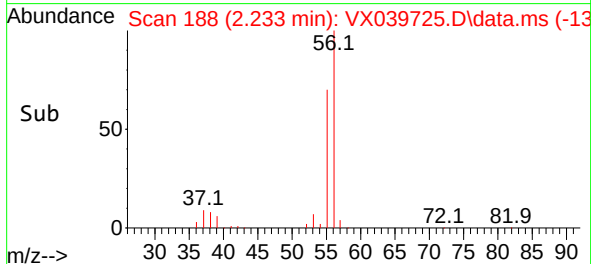
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 74234
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

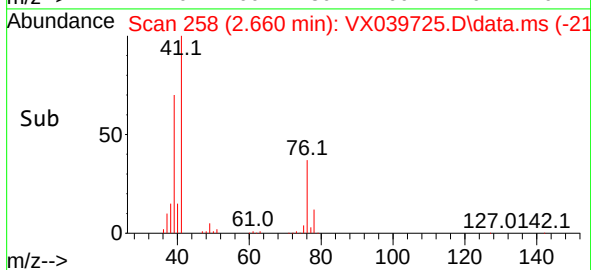
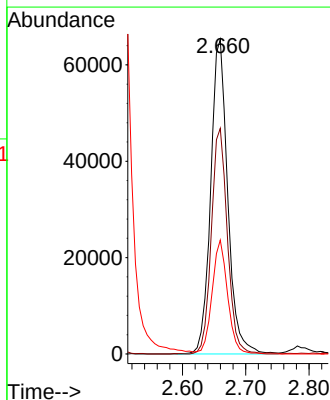
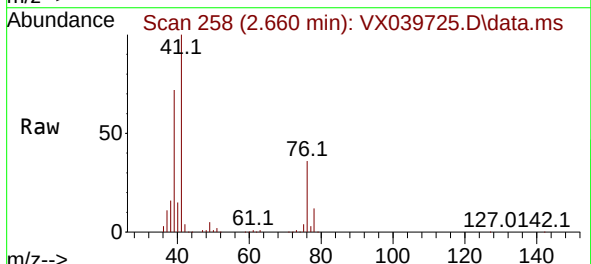
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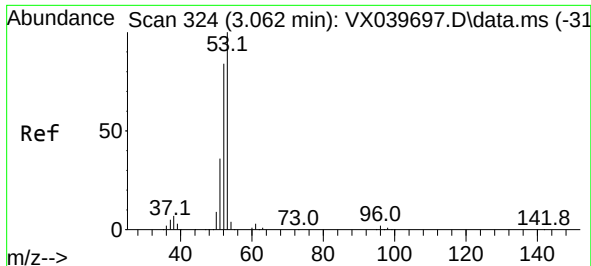
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#14
Allyl chloride
Concen: 48.753 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

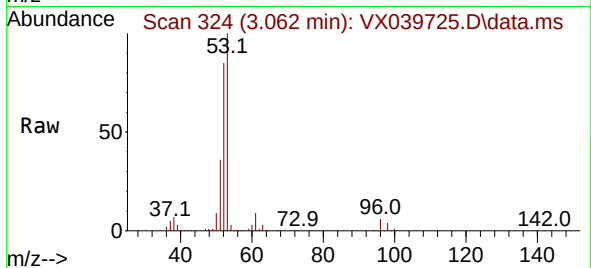
Tgt Ion: 41 Resp: 122240
Ion Ratio Lower Upper
41 100
39 67.3 55.8 83.6
76 32.9 24.3 36.5





#15
Acrylonitrile
Concen: 232.284 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

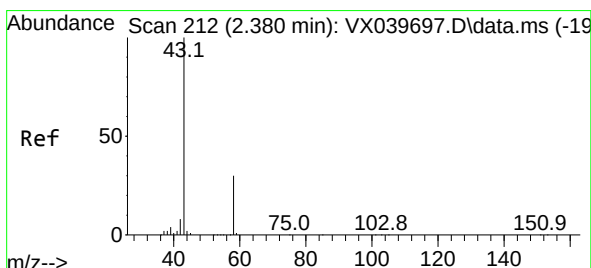
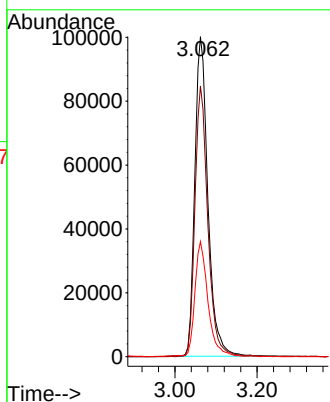
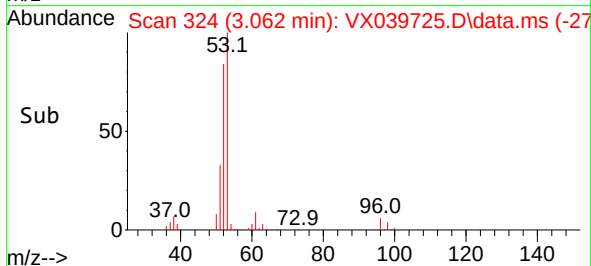
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



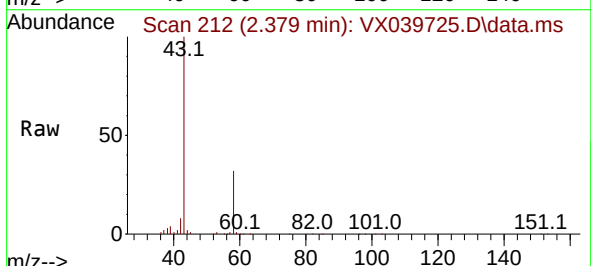
Tgt Ion: 53 Resp: 221458
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 36.5 29.8 44.6

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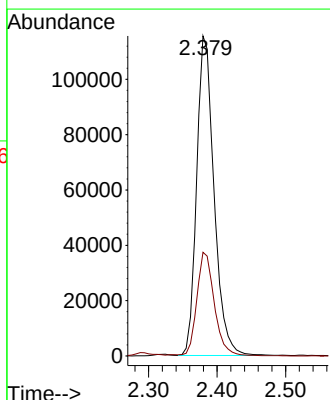
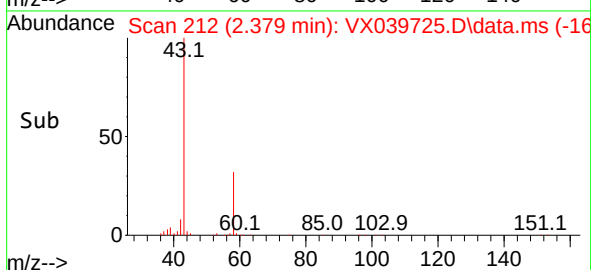
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024

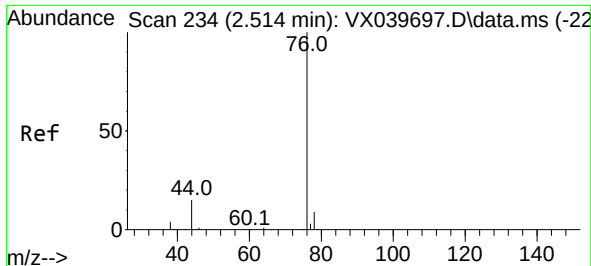


#16
Acetone
Concen: 204.630 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



Tgt Ion: 43 Resp: 204050
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9





#17

Carbon Disulfide

Concen: 46.837 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 171498

Ion Ratio Lower Upper

76 100

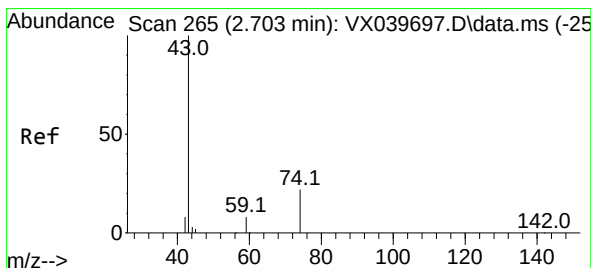
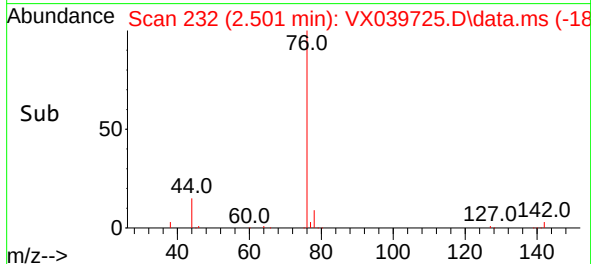
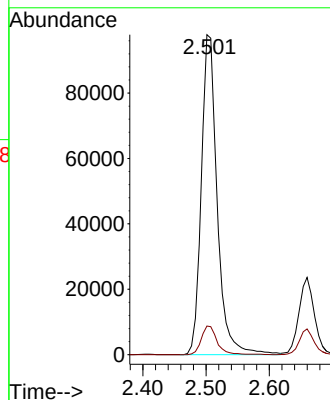
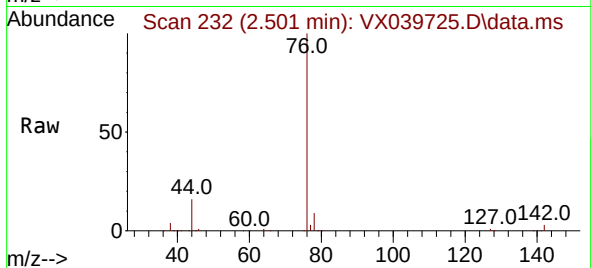
78 9.0 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#18

Methyl Acetate

Concen: 48.795 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX039725.D

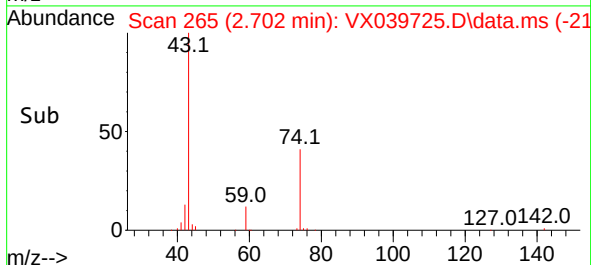
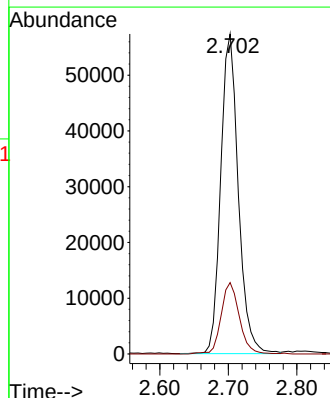
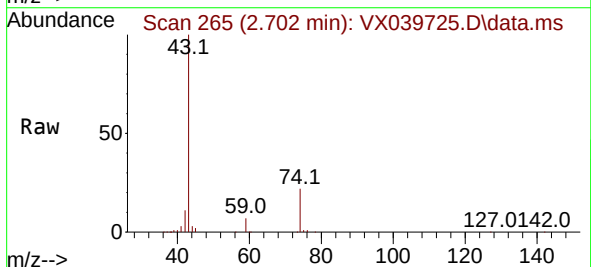
Acq: 12 Jan 2024 10:27

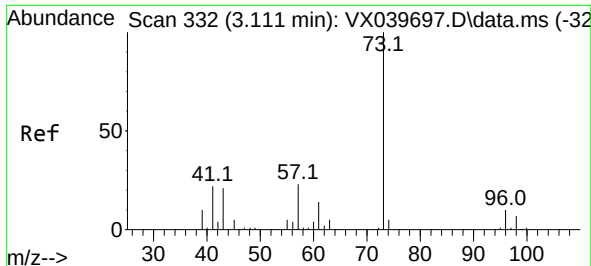
Tgt Ion: 43 Resp: 101795

Ion Ratio Lower Upper

43 100

74 23.1 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 51.103 ug/l

RT: 3.111 min Scan# 311

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 231120

Ion Ratio Lower Upper

73 100

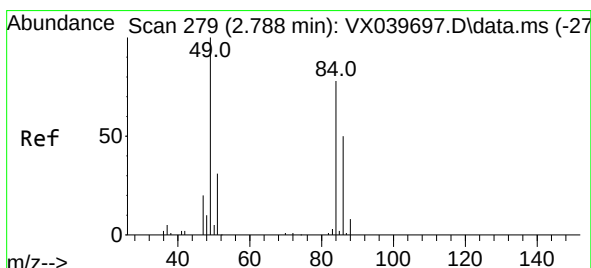
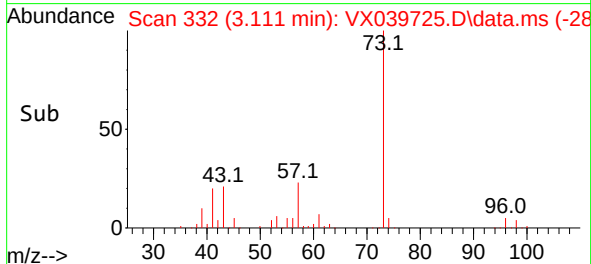
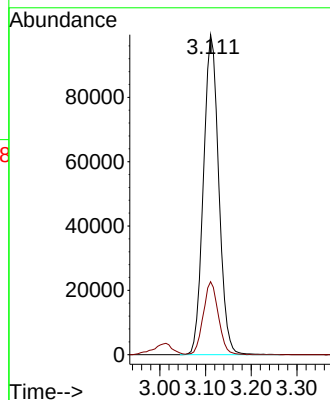
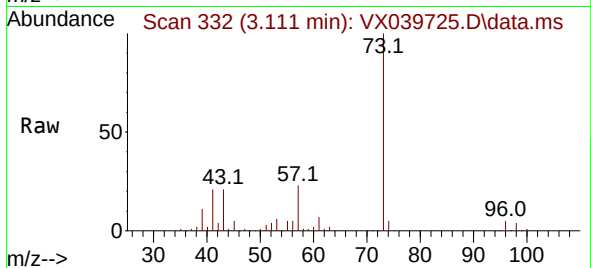
57 22.8 17.3 25.9

Manual Integrations

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Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#20

Methylene Chloride

Concen: 49.497 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Tgt Ion: 84 Resp: 74657

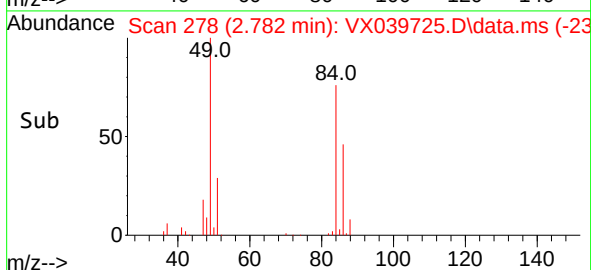
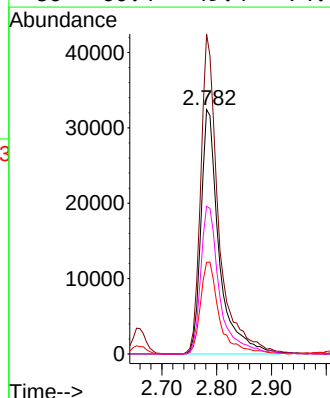
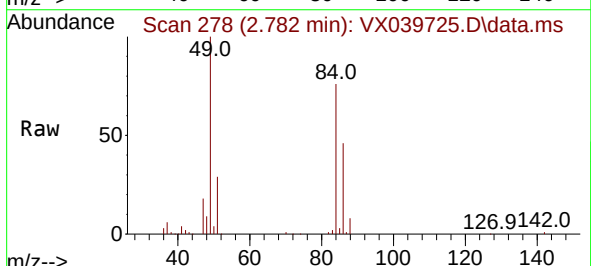
Ion Ratio Lower Upper

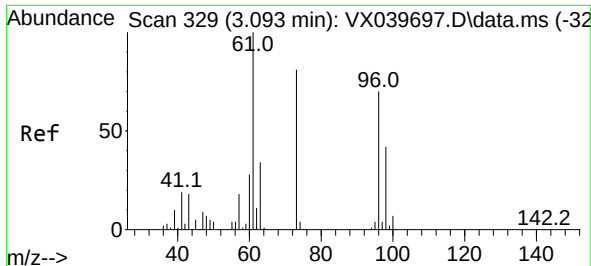
84 100

49 131.0 103.6 155.4

51 37.6 33.8 50.6

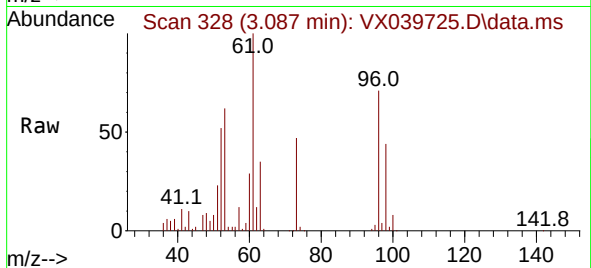
86 60.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.814 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

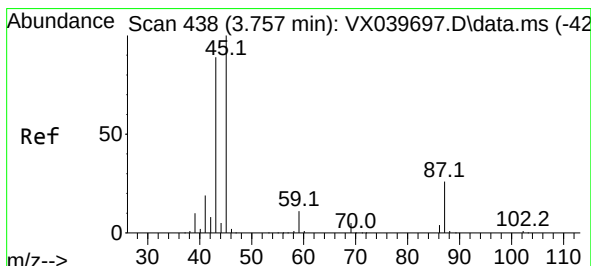
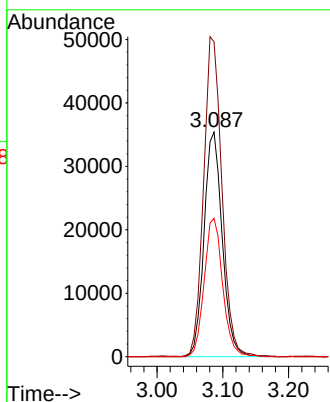
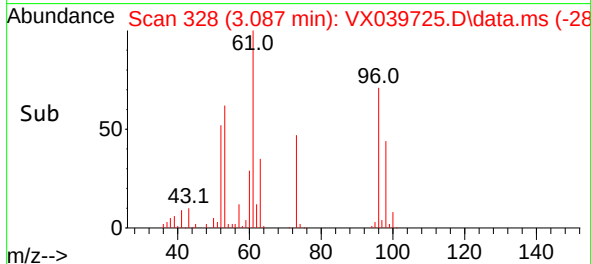
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



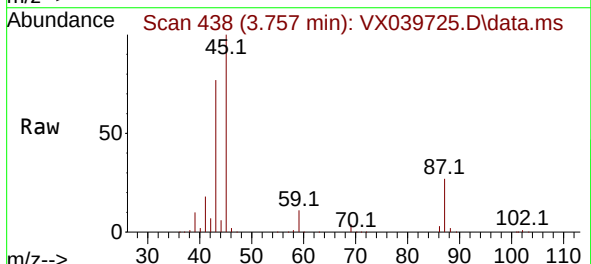
Tgt Ion: 96 Resp: 6812
Ion Ratio Lower Upper
96 100
61 140.3 119.2 178.8
98 61.6 48.7 73.1

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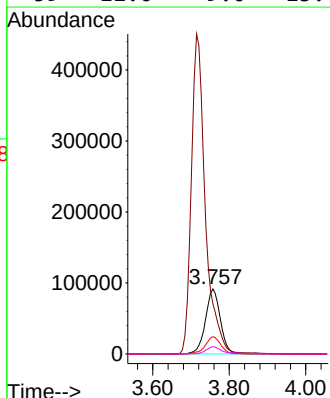
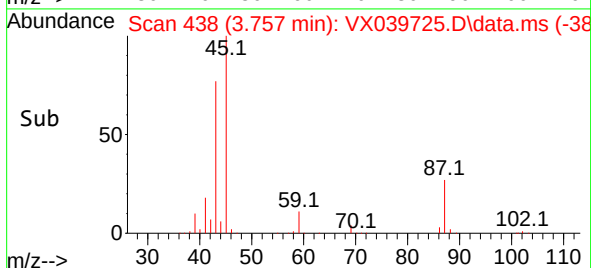
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024

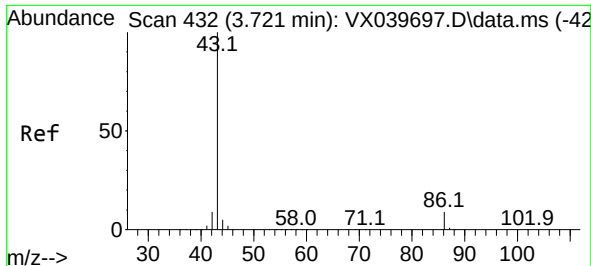


#22
Diisopropyl ether
Concen: 51.524 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



Tgt Ion: 45 Resp: 246536
Ion Ratio Lower Upper
45 100
43 76.9 69.7 104.5
87 26.6 20.8 31.2
59 11.0 9.0 13.4





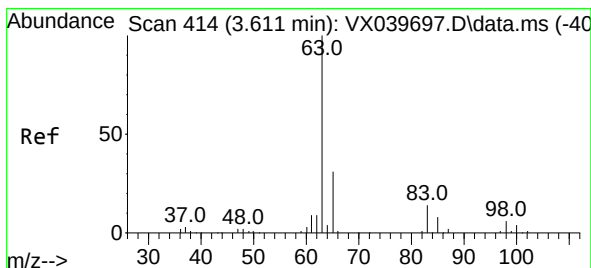
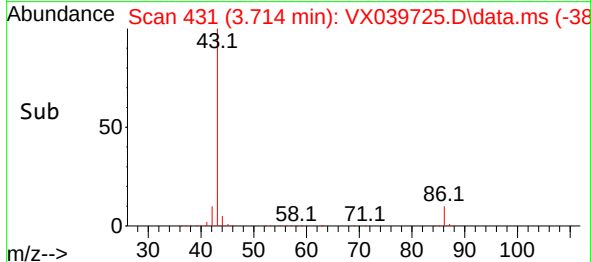
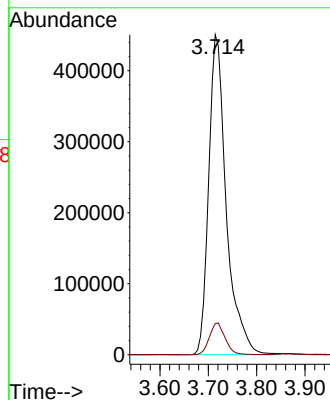
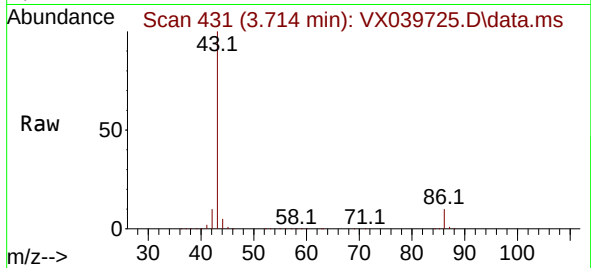
#23
 Vinyl Acetate
 Concen: 256.243 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039725.D
 Acq: 12 Jan 2024 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1139724
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

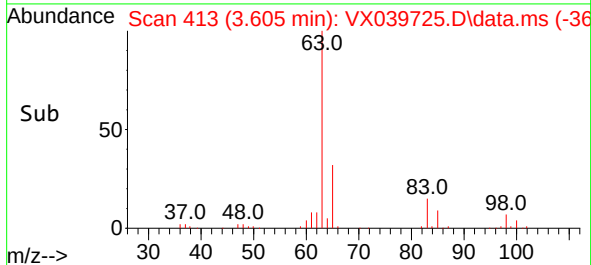
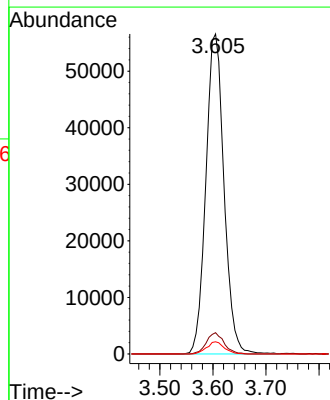
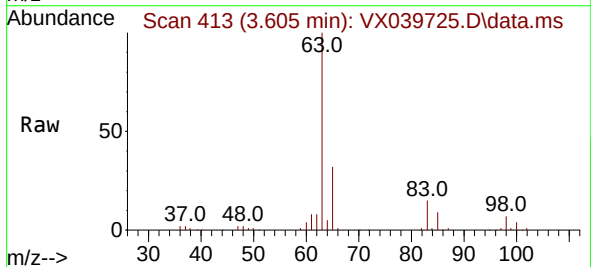
Manual Integrations
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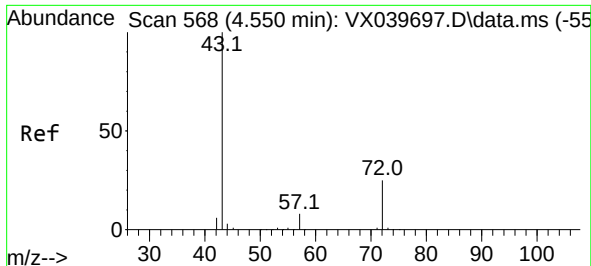
Reviewed By :John Carlone 01/15/2024
 Supervised By :Mahesh Dadoda 01/15/2024



#24
 1,1-Dichloroethane
 Concen: 51.038 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039725.D
 Acq: 12 Jan 2024 10:27

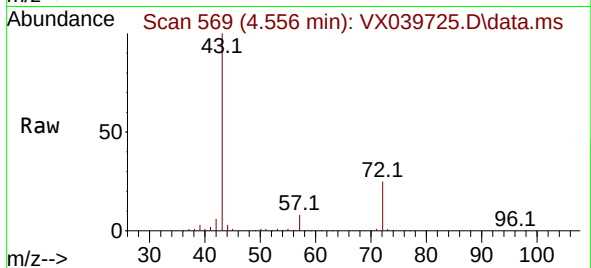
Tgt Ion: 63 Resp: 134350
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 227.595 ug/l
RT: 4.556 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

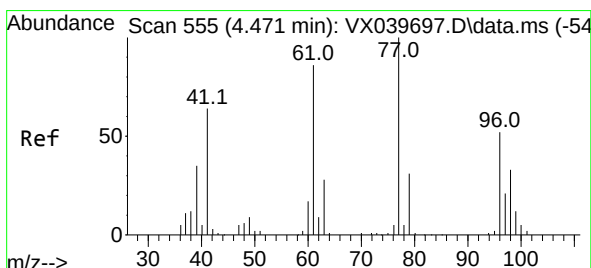
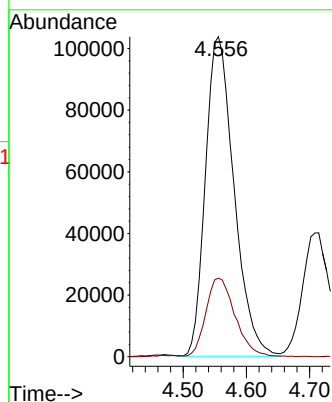
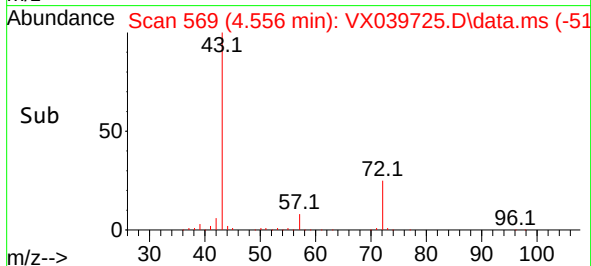
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 32614
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2

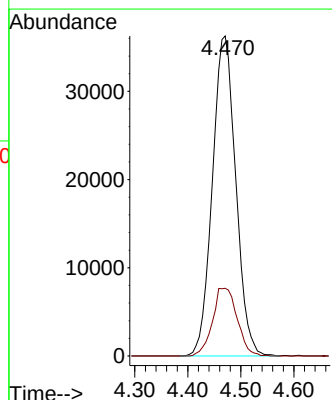
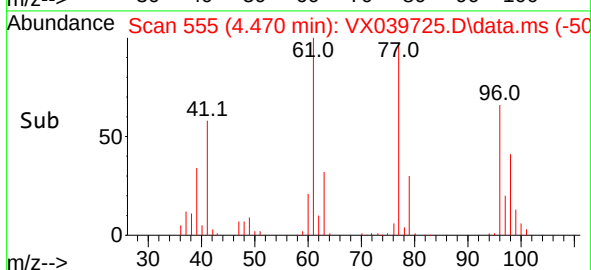
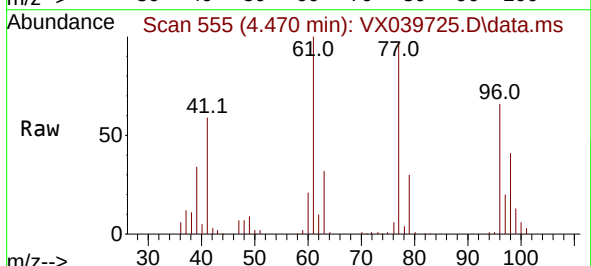
Manual Integrations
APPROVED

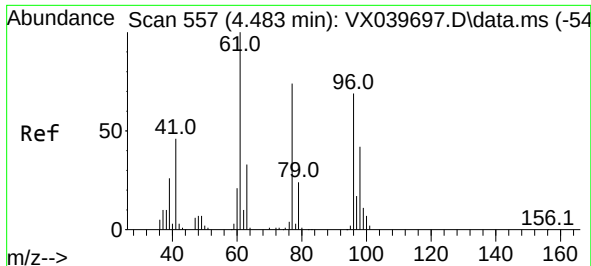
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#26
2,2-Dichloropropane
Concen: 52.648 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion: 77 Resp: 111230
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.328 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8046

Ion Ratio Lower Upper

96 100

61 152.4 0.0 312.2

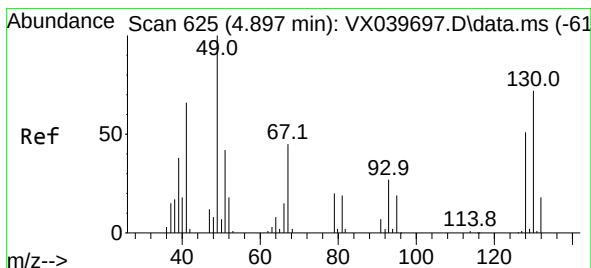
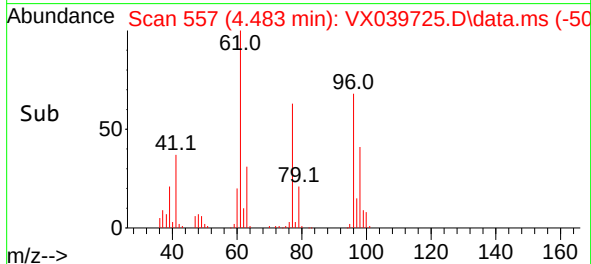
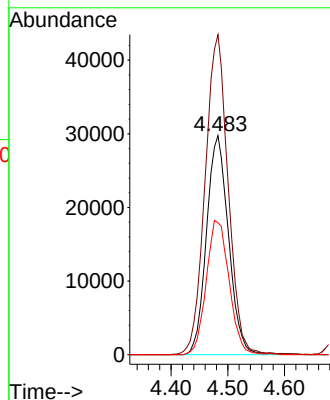
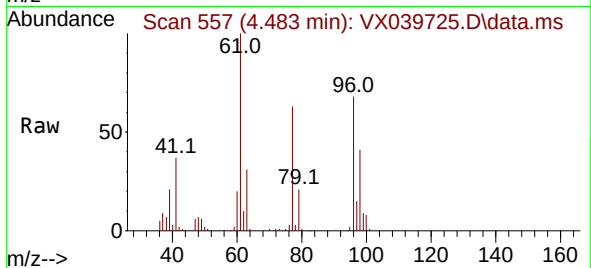
98 63.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#28

Bromochloromethane

Concen: 49.428 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

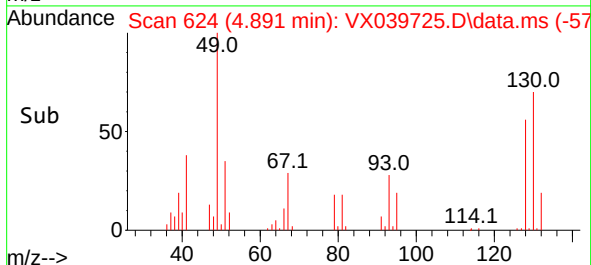
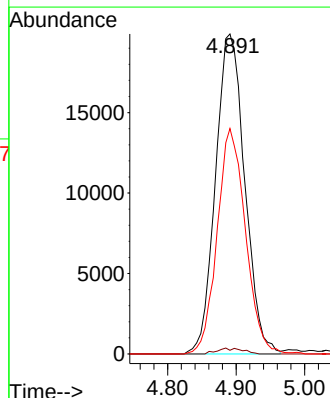
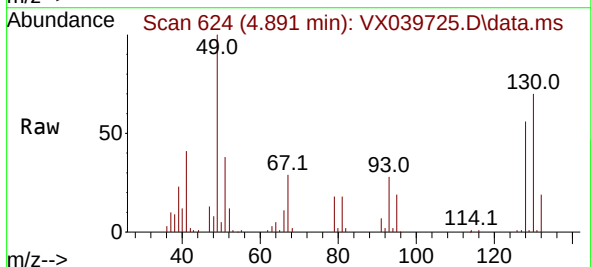
Tgt Ion: 49 Resp: 58979

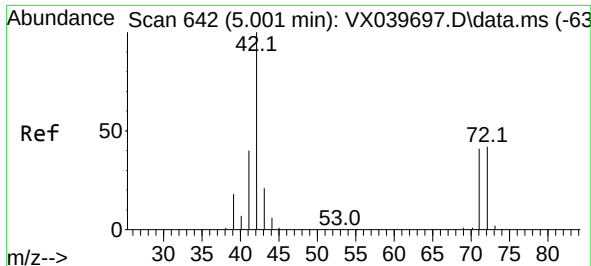
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 68.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 229.135 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 211340

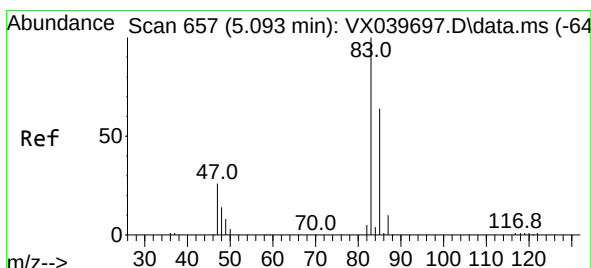
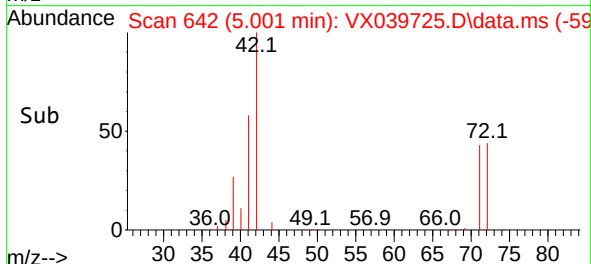
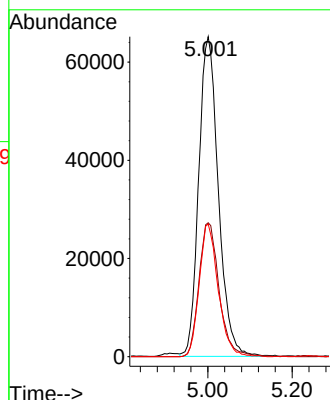
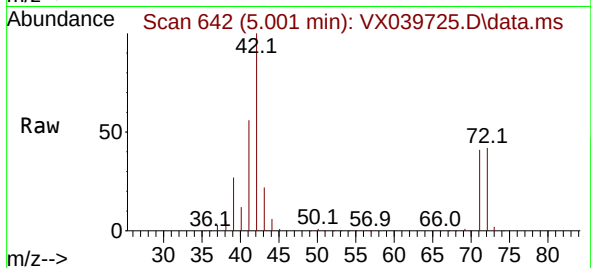
Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.4
71	40.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#30

Chloroform

Concen: 51.940 ug/l

RT: 5.086 min Scan# 656

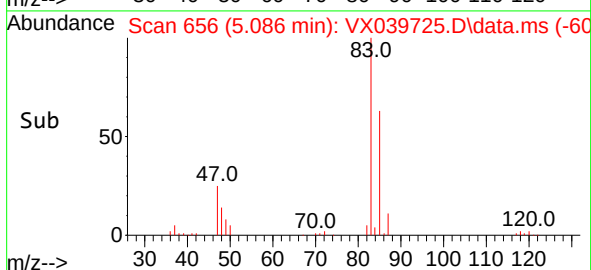
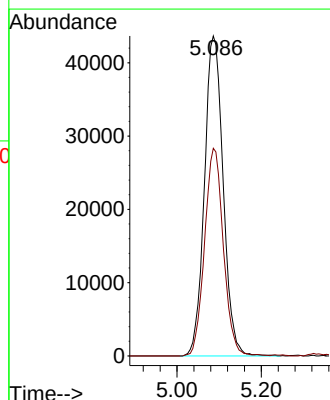
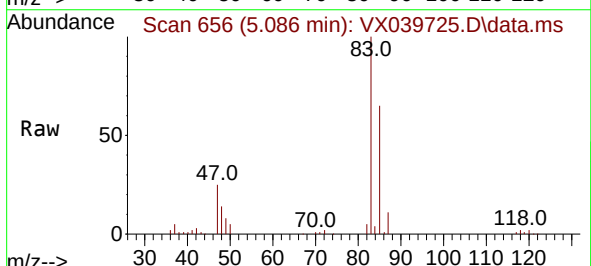
Delta R.T. -0.006 min

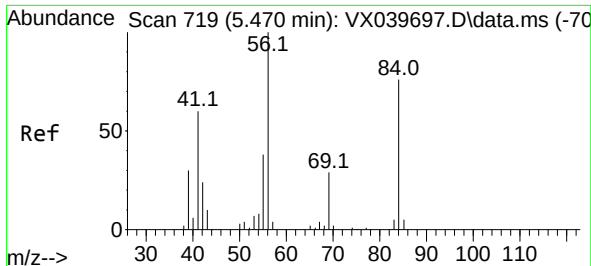
Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Tgt Ion: 83 Resp: 134973

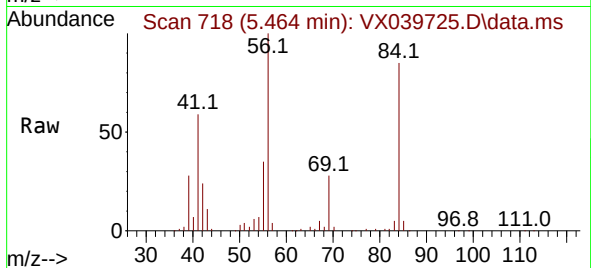
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5





#31
Cyclohexane
Concen: 51.541 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

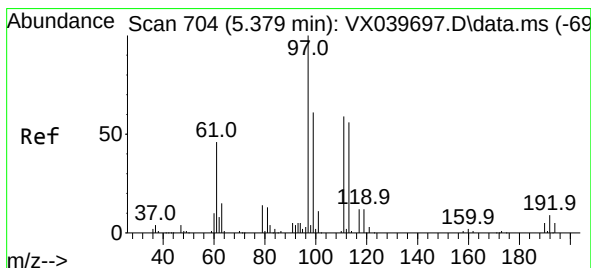
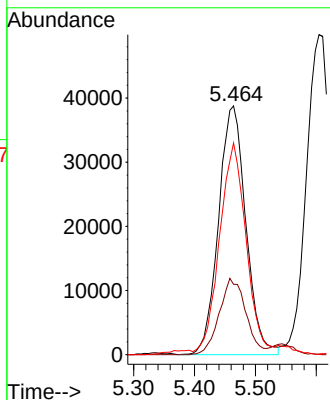
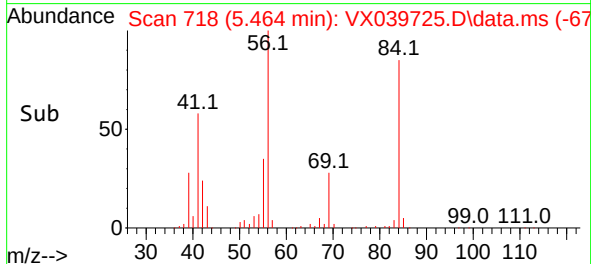
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 120608
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.2
84 83.5 65.9 98.9

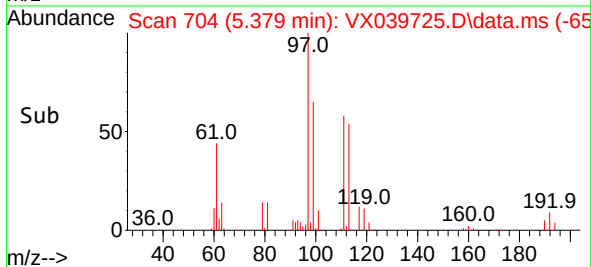
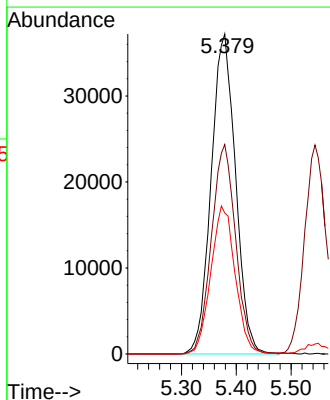
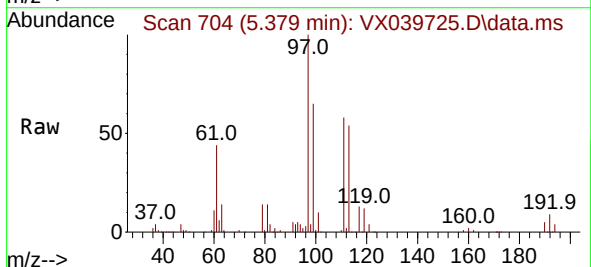
Manual Integrations
APPROVED

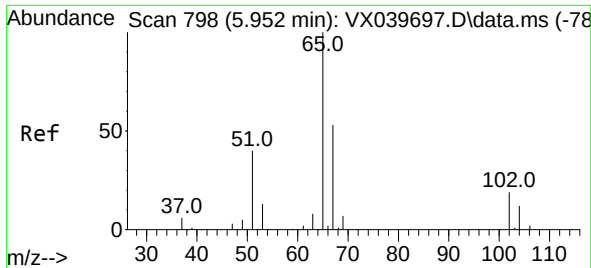
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#32
1,1,1-Trichloroethane
Concen: 51.685 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion: 97 Resp: 114985
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 46.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.968 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7973

Ion Ratio Lower Upper

65 100

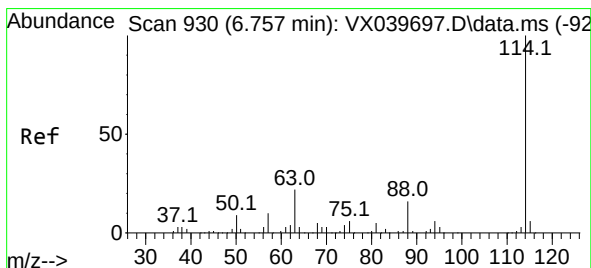
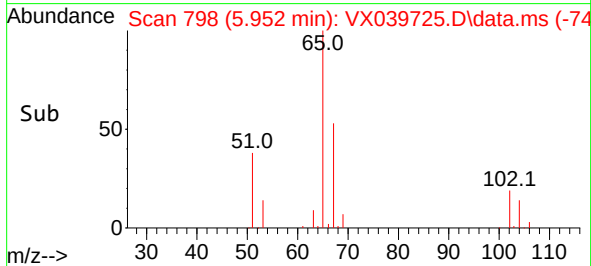
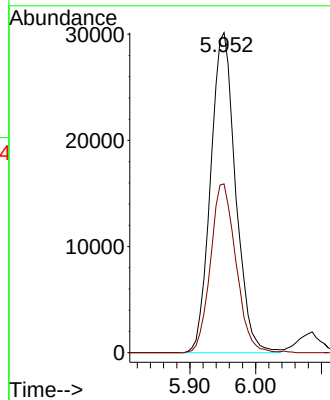
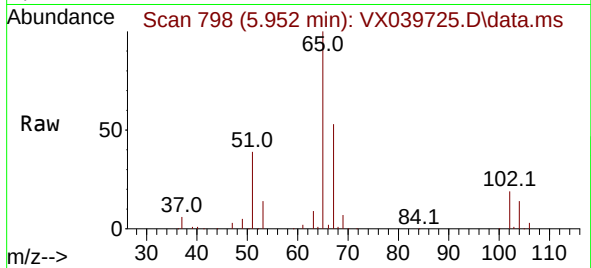
67 53.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

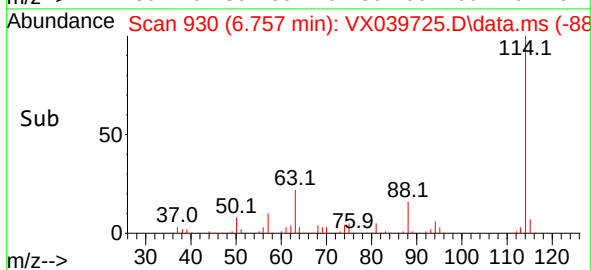
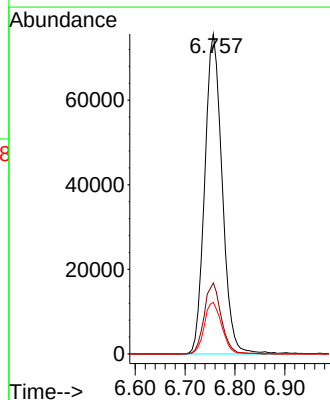
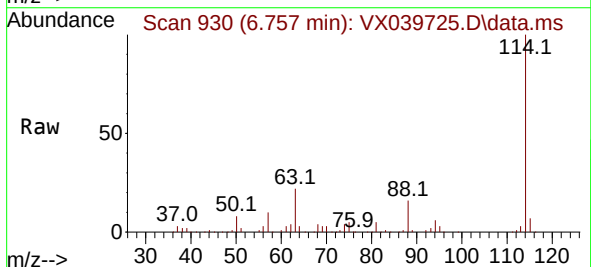
Tgt Ion:114 Resp: 183544

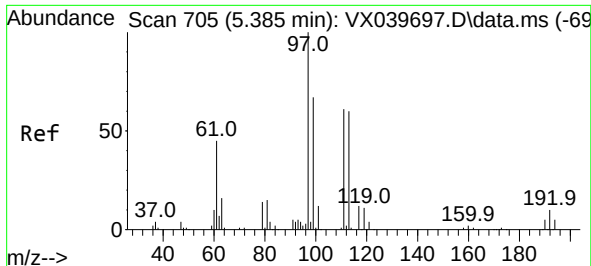
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

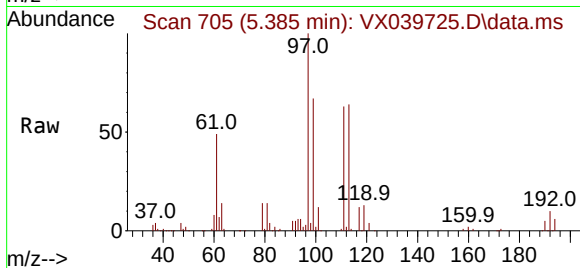
88 16.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.739 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

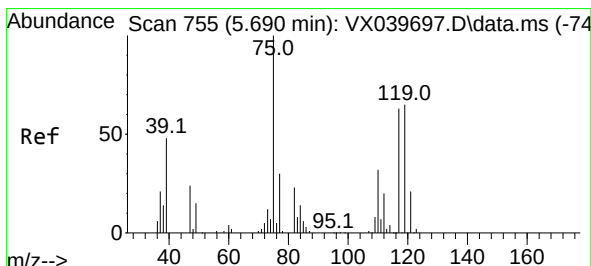
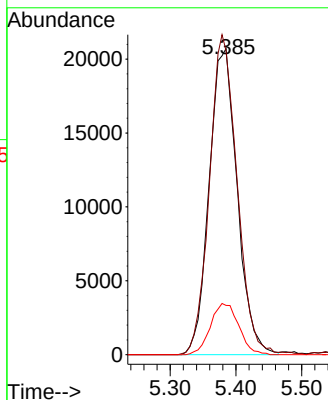
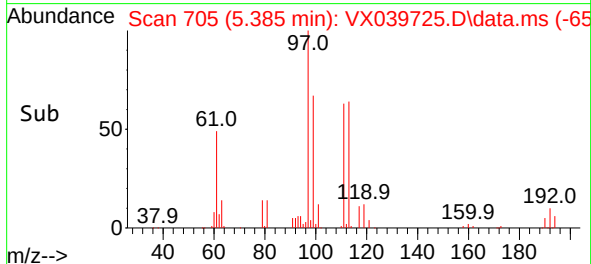
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 61490
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.9 13.3 19.9

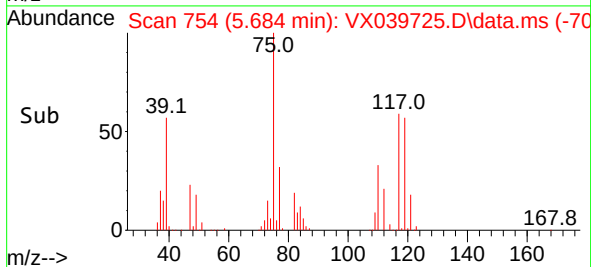
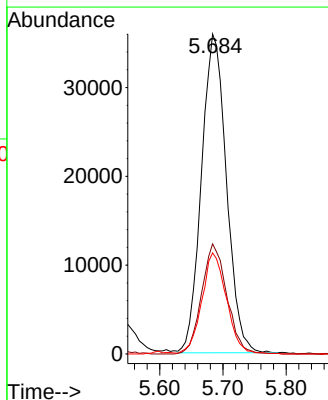
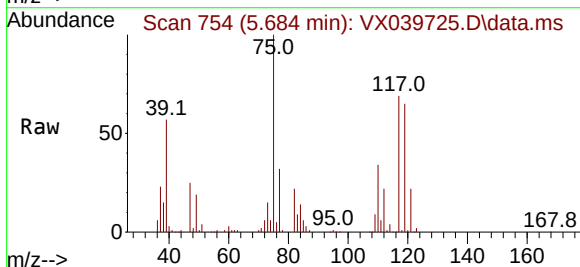
Manual Integrations
APPROVED

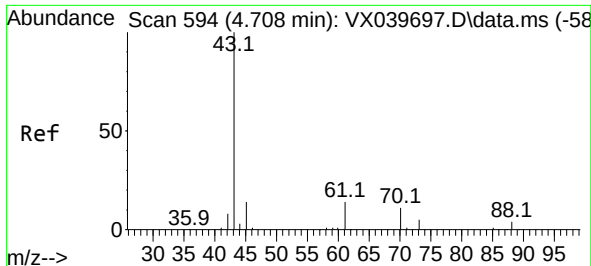
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#36
1,1-Dichloropropene
Concen: 51.265 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

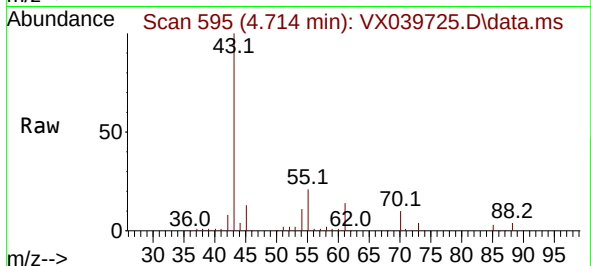
Tgt Ion: 75 Resp: 98649
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 48.151 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

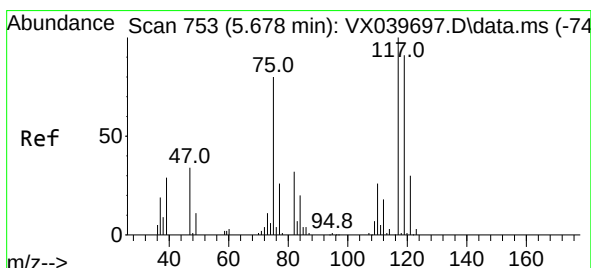
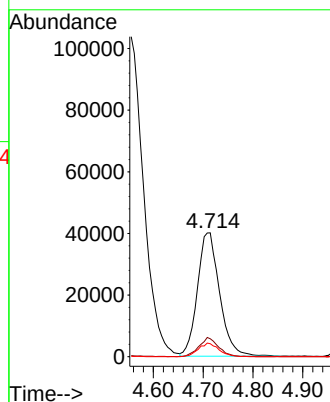
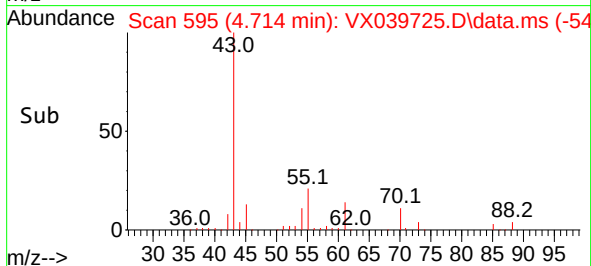
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 123609
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.2 8.3 12.5

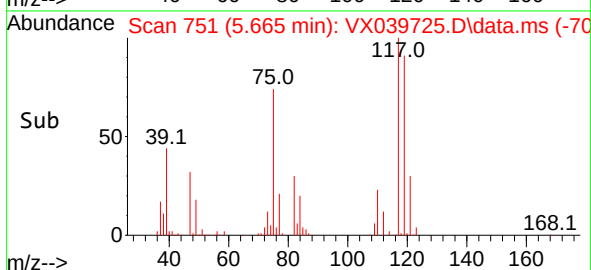
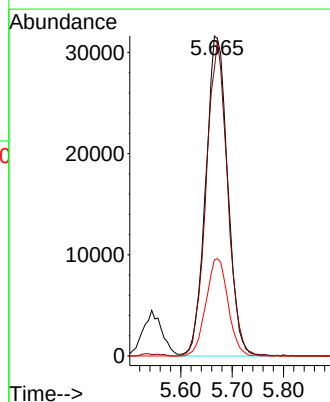
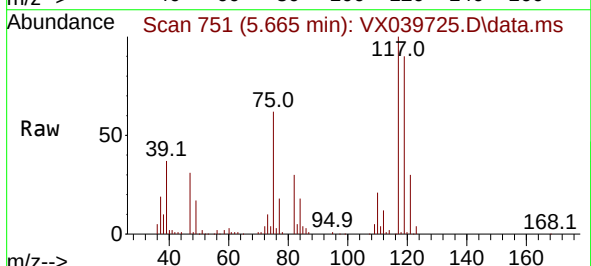
Manual Integrations
APPROVED

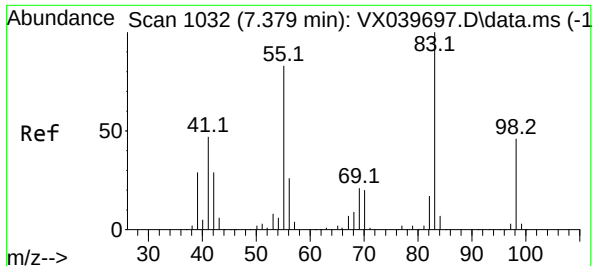
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#38
Carbon Tetrachloride
Concen: 53.325 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

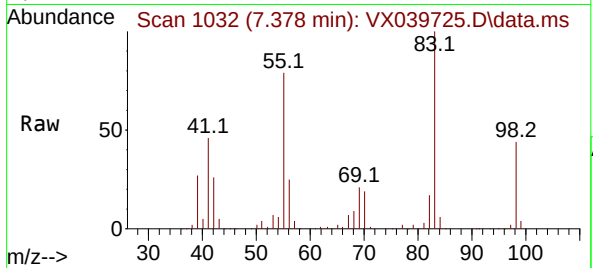
Tgt Ion:117 Resp: 93981
Ion Ratio Lower Upper
117 100
119 89.9 78.2 117.2
121 30.1 24.4 36.6





#39
Methylcyclohexane
Concen: 54.246 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

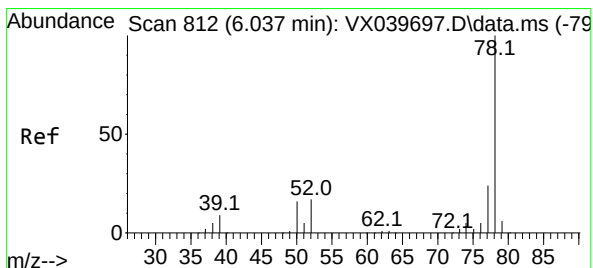
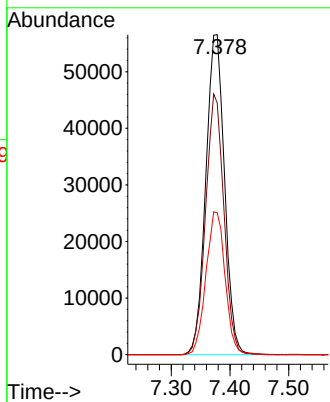
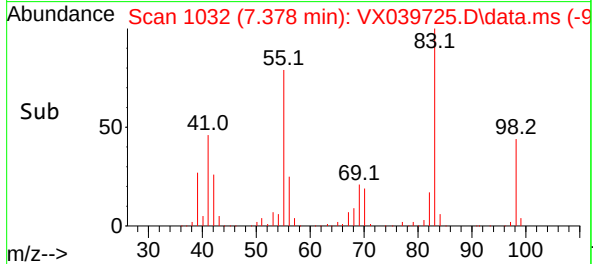
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



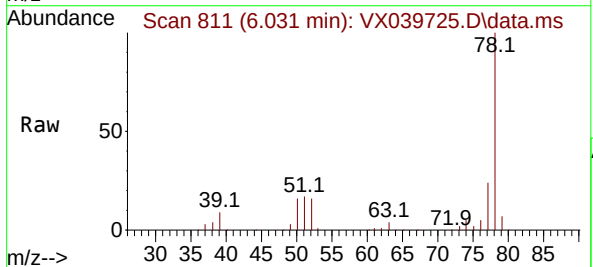
Tgt Ion: 83 Resp: 12534
Ion Ratio Lower Upper
83 100
55 78.6 64.6 97.0
98 44.4 36.7 55.1

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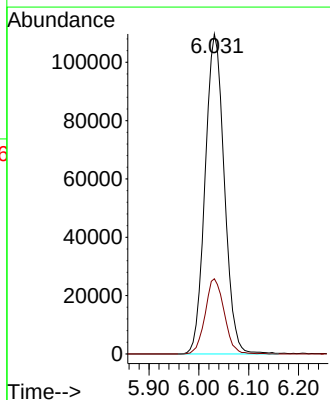
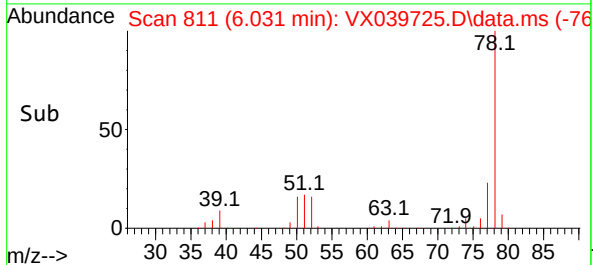
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024

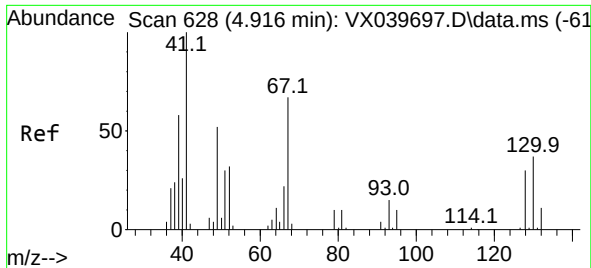


#40
Benzene
Concen: 53.763 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



Tgt Ion: 78 Resp: 292947
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 52.071 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

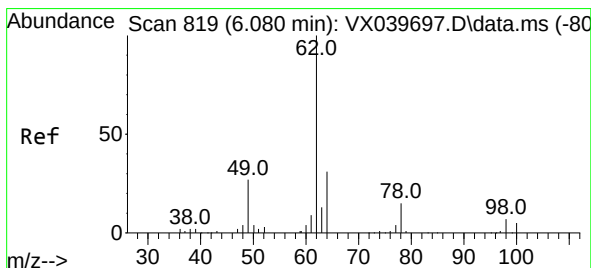
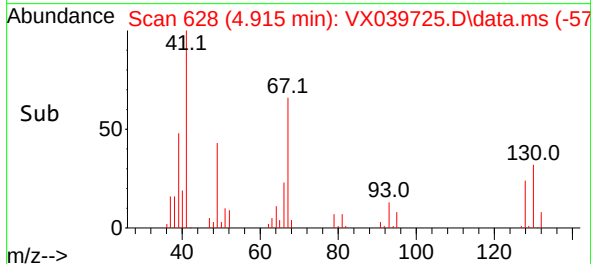
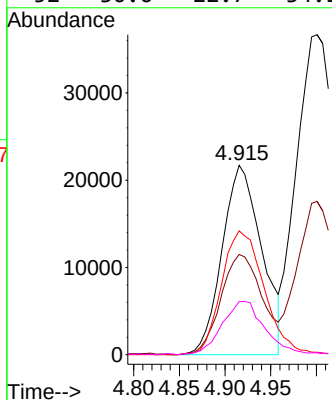
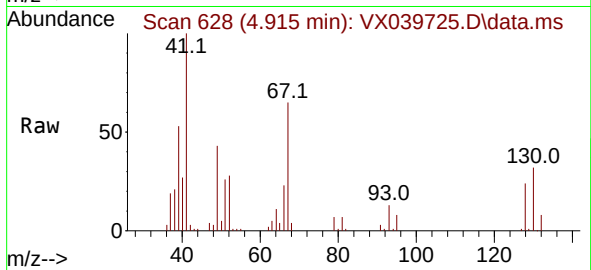
Tgt Ion: 41 Resp: 6536
Ion Ratio Lower Upper
41 100
39 55.7 45.2 67.8
67 70.5 52.6 78.8
52 30.6 22.7 34.1

Manual Integrations

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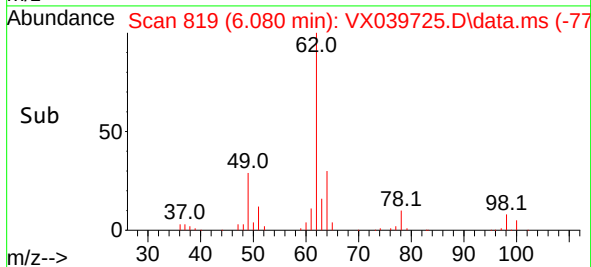
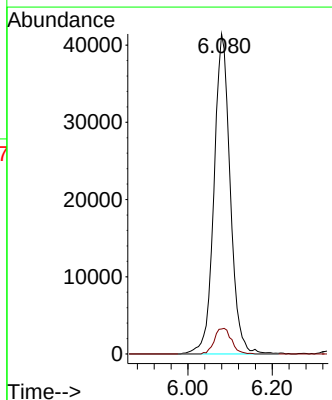
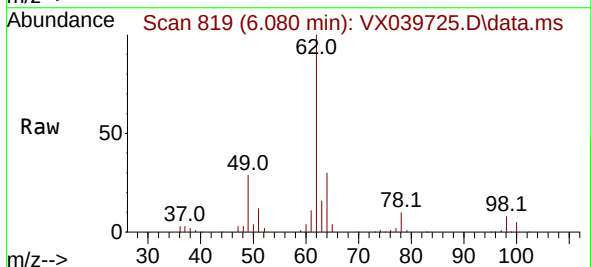
Reviewed By :John Carlone 01/15/2024

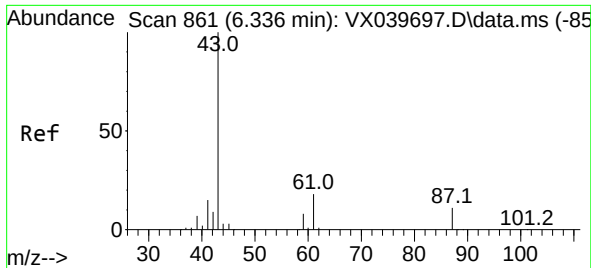
Supervised By :Mahesh Dadoda 01/15/2024



#42
1,2-Dichloroethane
Concen: 53.310 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

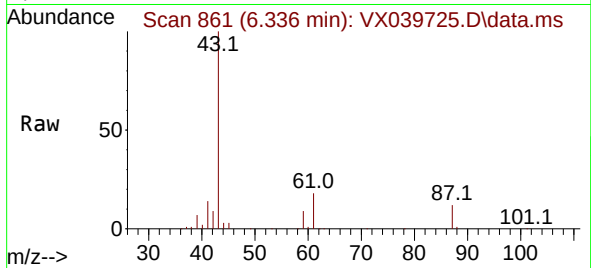
Tgt Ion: 62 Resp: 110434
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.321 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

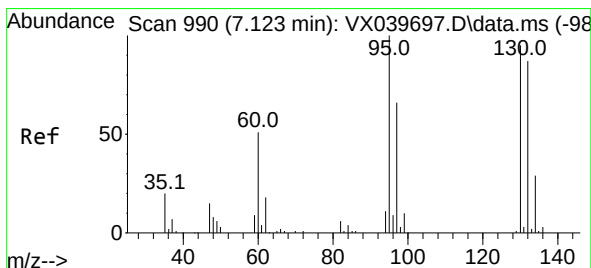
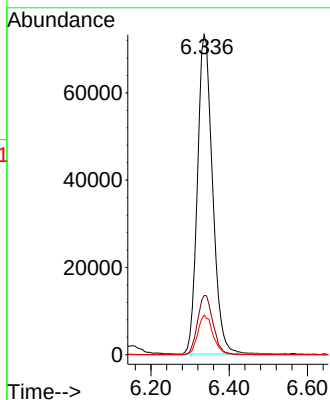
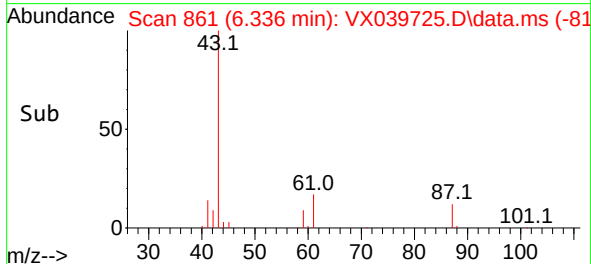
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



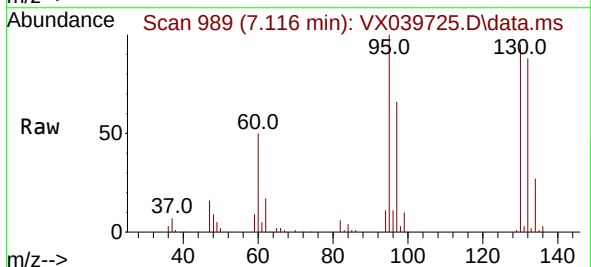
Tgt Ion: 43 Resp: 19703
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.4 9.8 14.6

Manual Integrations
APPROVED

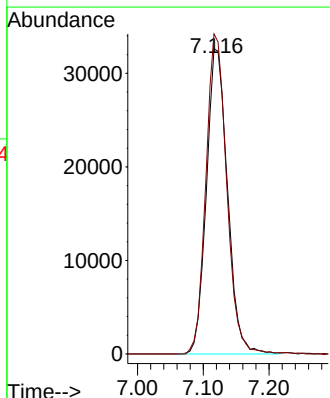
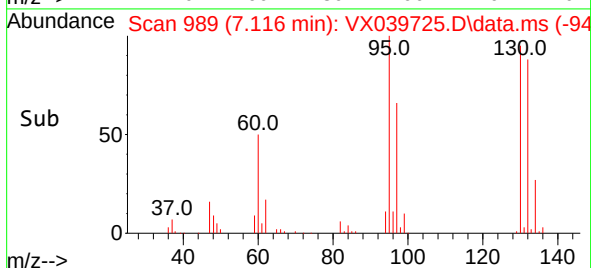
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024

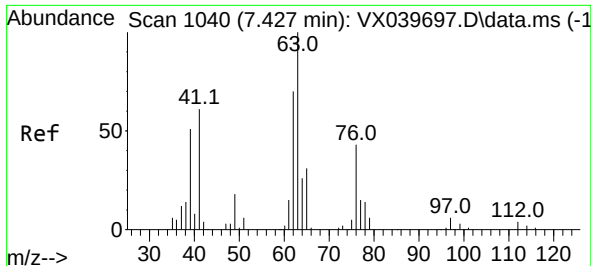


#44
Trichloroethene
Concen: 54.611 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



Tgt Ion:130 Resp: 72927
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.043 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7899

Ion Ratio Lower Upper

63 100

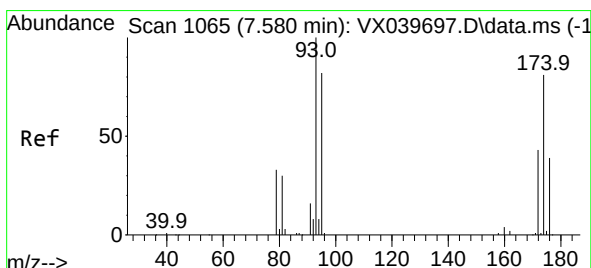
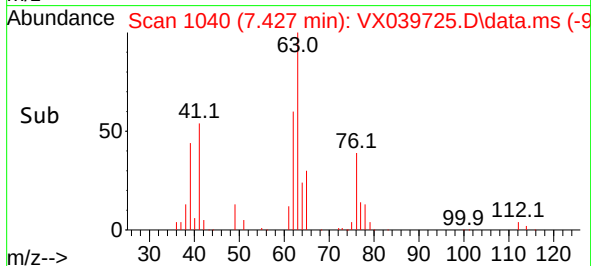
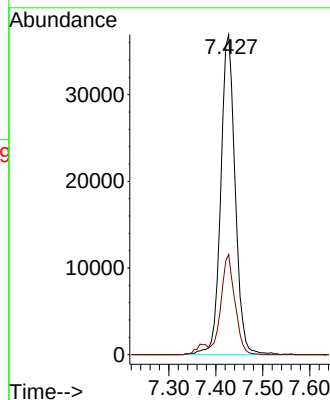
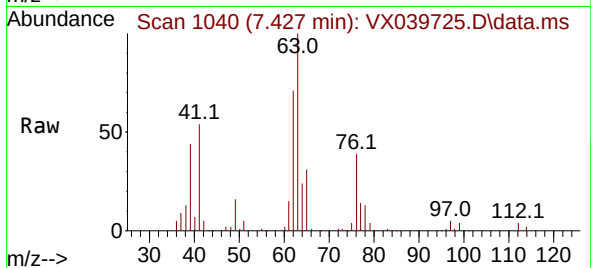
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#46

Dibromomethane

Concen: 52.735 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

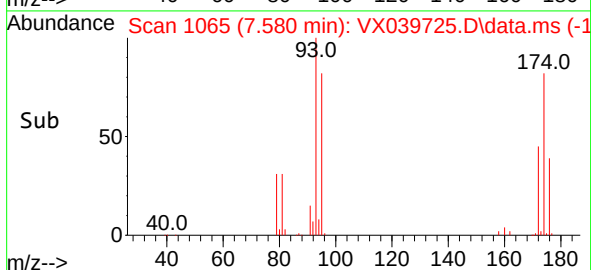
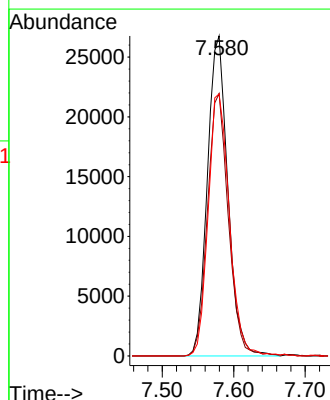
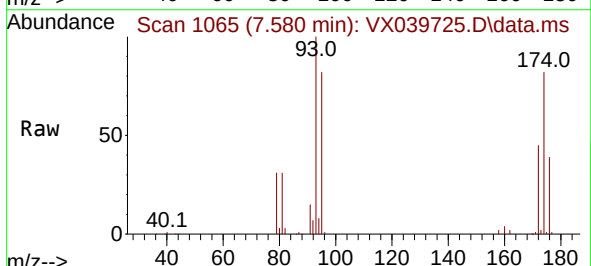
Tgt Ion: 93 Resp: 53241

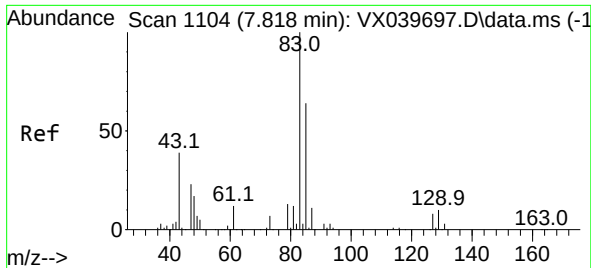
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 85.1 69.4 104.0





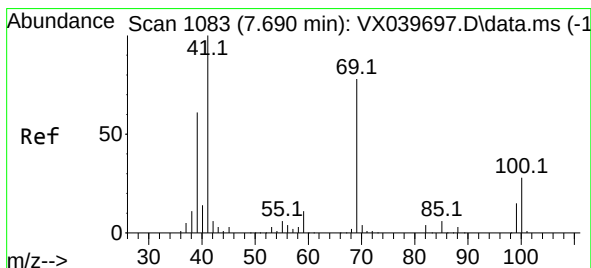
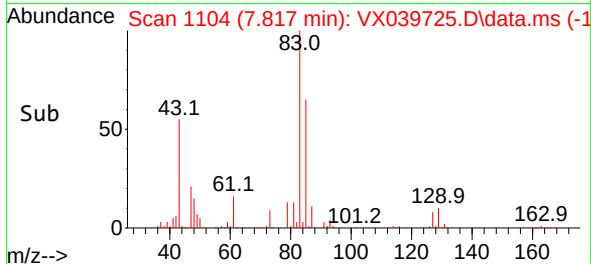
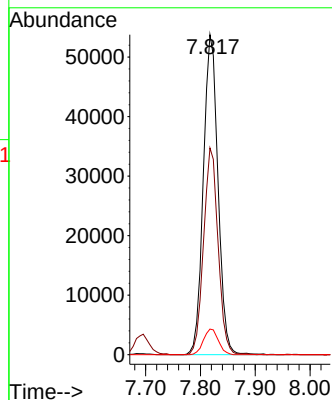
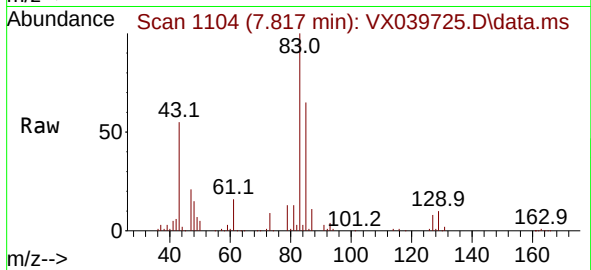
#47
Bromodichloromethane
Concen: 53.333 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 99724
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.0 7.1 10.7

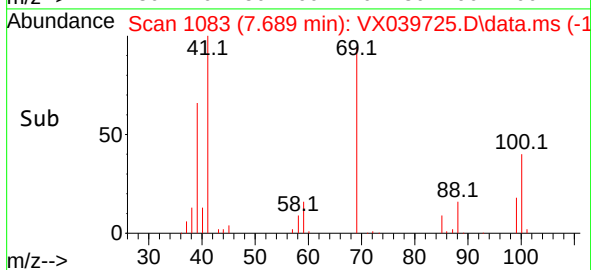
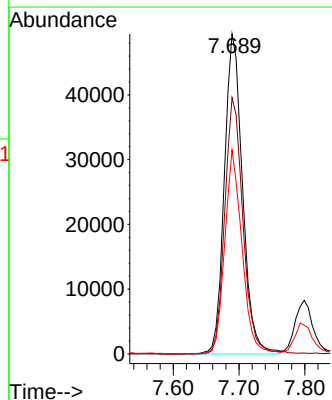
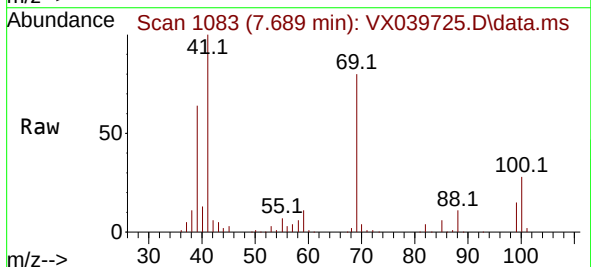
Manual Integrations
APPROVED

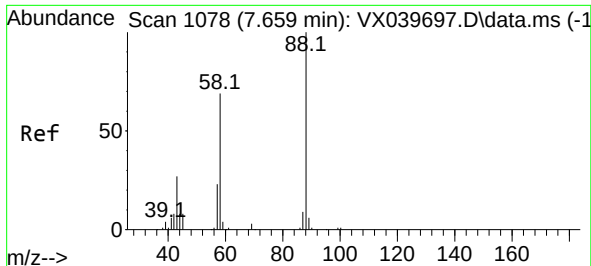
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#48
Methyl methacrylate
Concen: 51.267 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion: 41 Resp: 94898
Ion Ratio Lower Upper
41 100
69 80.6 59.2 88.8
39 60.8 47.7 71.5





#49

1,4-Dioxane

Concen: 971.882 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

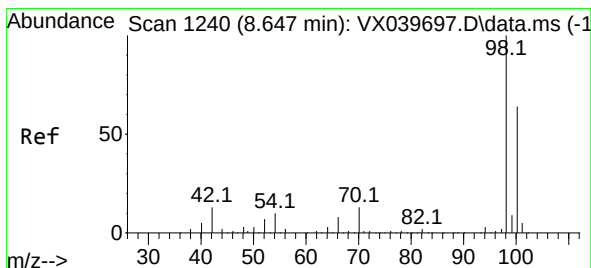
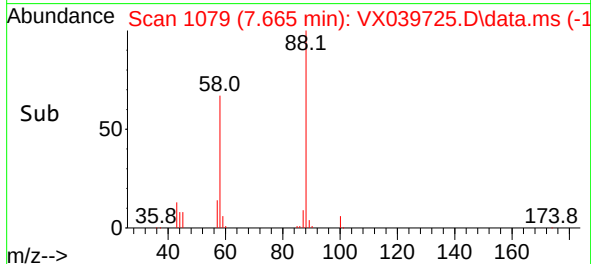
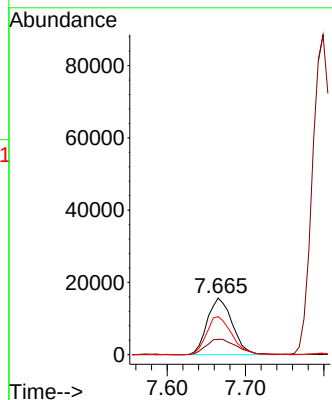
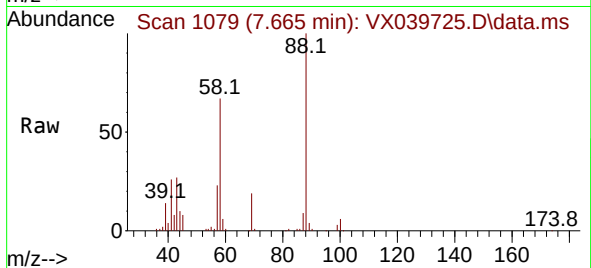
Tgt Ion: 88 Resp: 34810
 Ion Ratio Lower Upper
 88 100
 43 34.0 0.0 0.0
 58 68.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#50

Toluene-d8

Concen: 49.962 ug/l

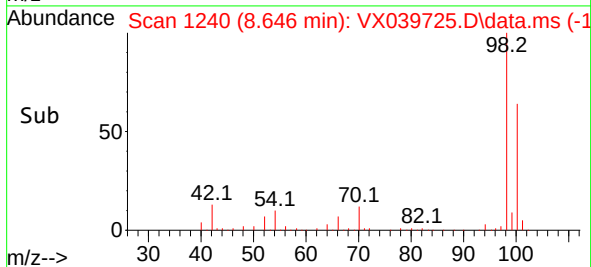
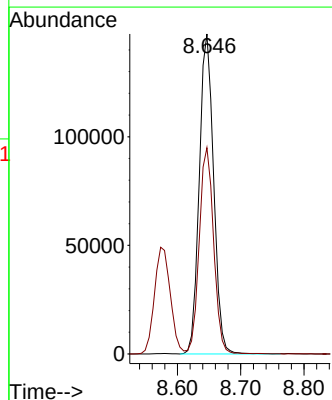
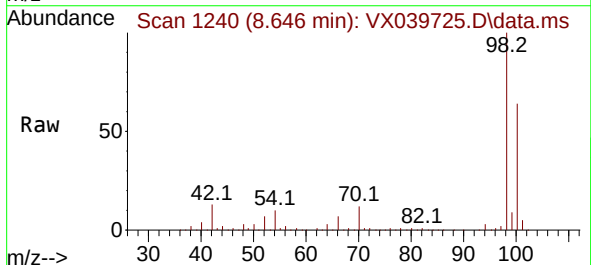
RT: 8.646 min Scan# 1240

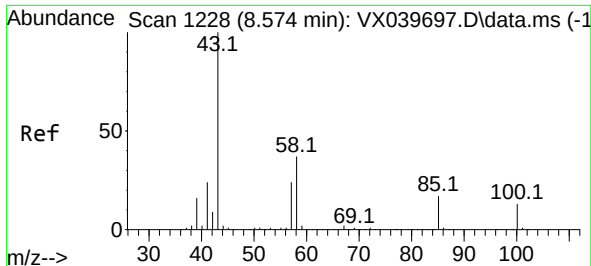
Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Tgt Ion: 98 Resp: 232954
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.1 79.7





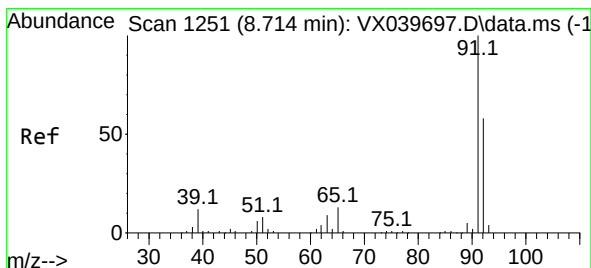
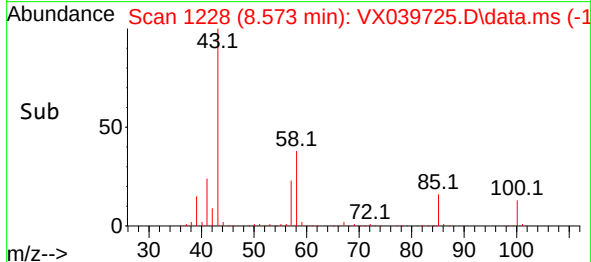
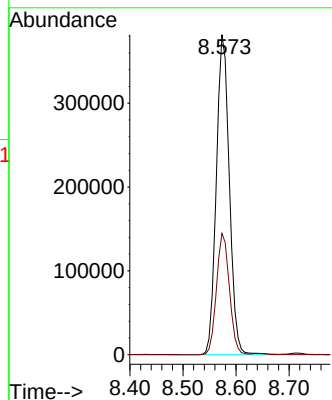
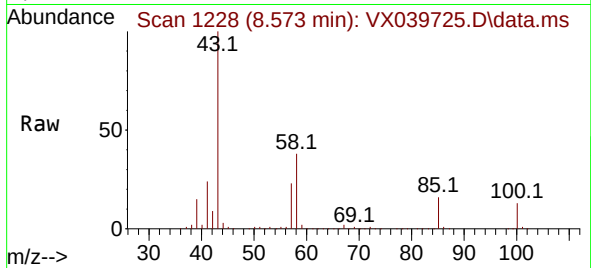
#51
4-Methyl-2-Pentanone
Concen: 251.305 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 65178
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

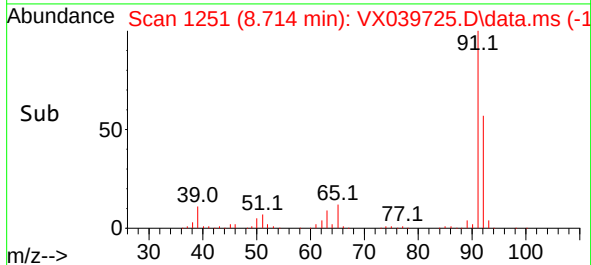
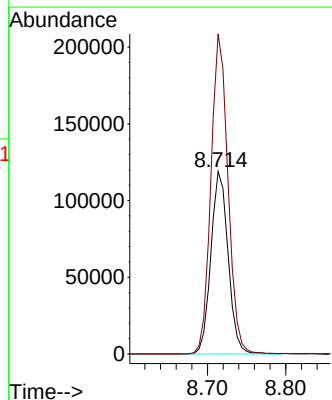
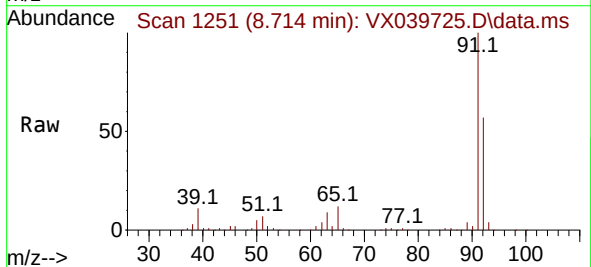
Manual Integrations
APPROVED

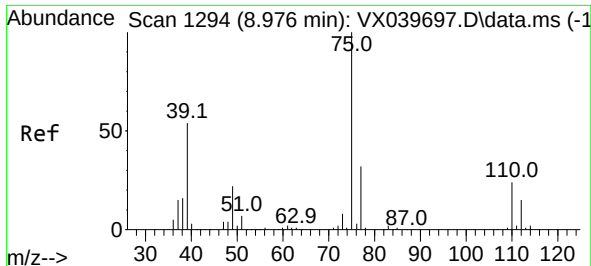
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#52
Toluene
Concen: 55.701 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion: 92 Resp: 181284
Ion Ratio Lower Upper
92 100
91 174.2 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 55.877 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

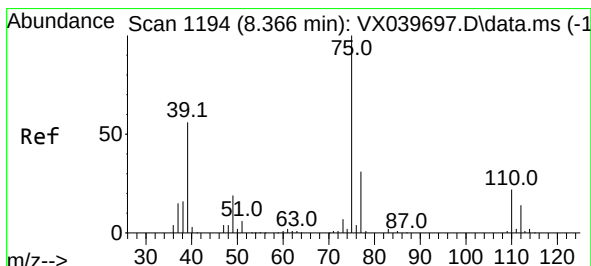
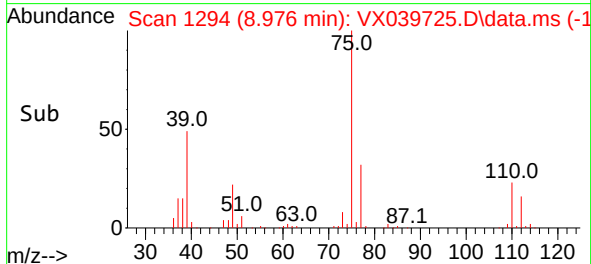
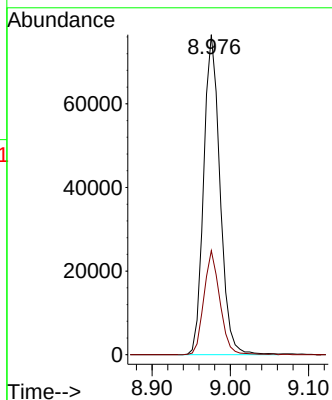
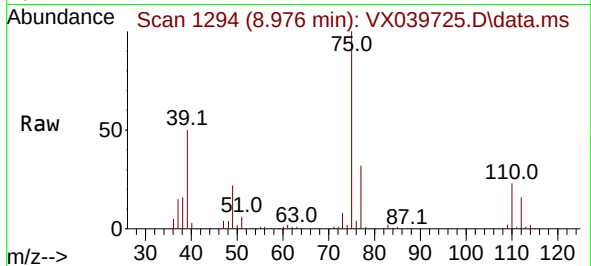
VSTDCCC050

Tgt Ion: 75 Resp: 110860
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5

Manual Integrations

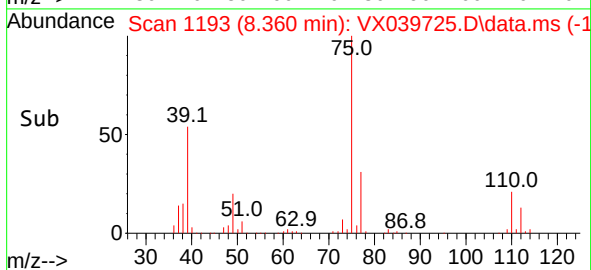
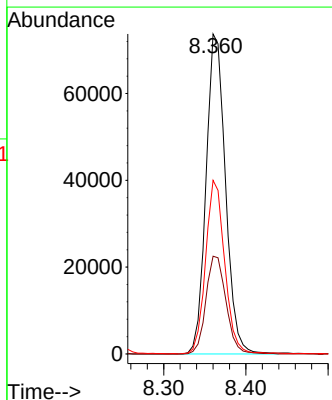
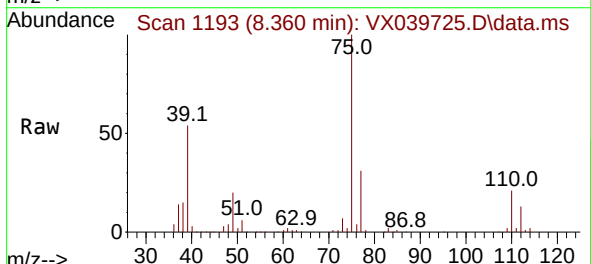
APPROVED

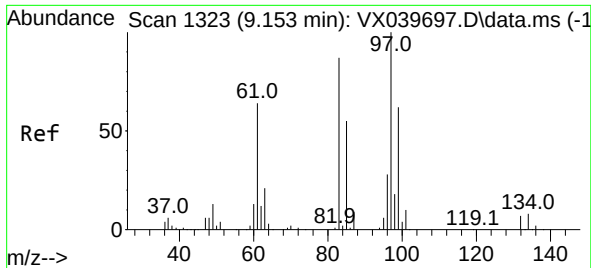
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#54
cis-1,3-Dichloropropene
Concen: 55.531 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

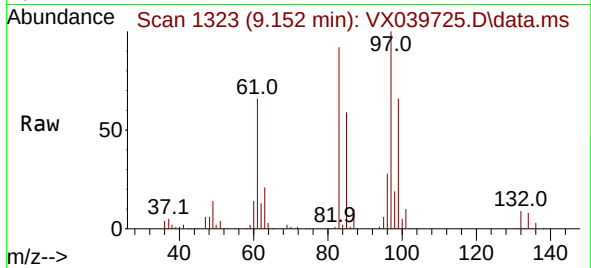
Tgt Ion: 75 Resp: 121152
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 54.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.456 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

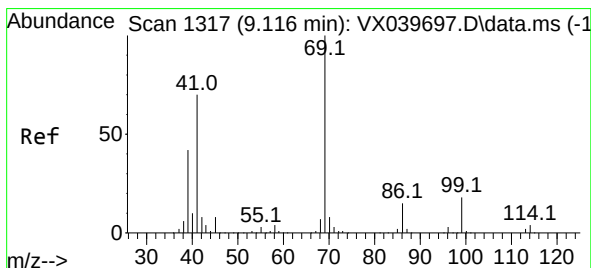
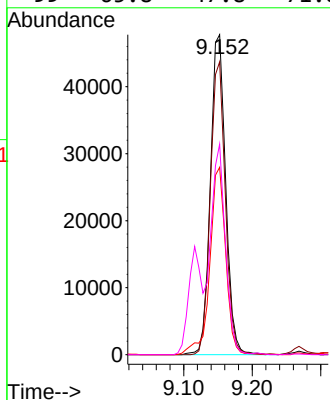
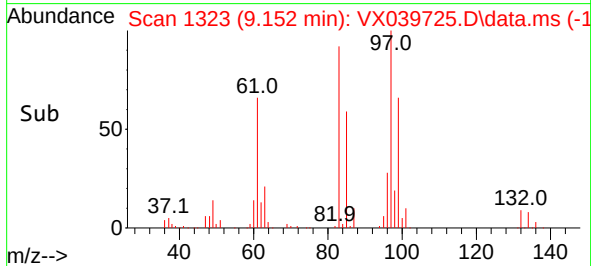
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.5	65.8	98.8
85	58.4	41.6	62.4
99	65.8	47.8	71.8

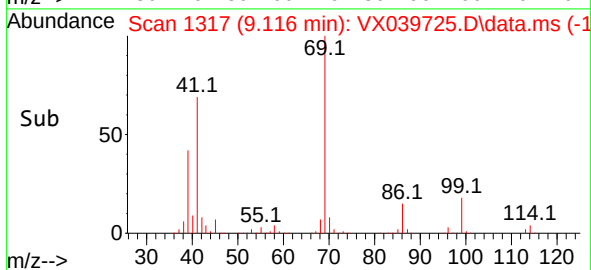
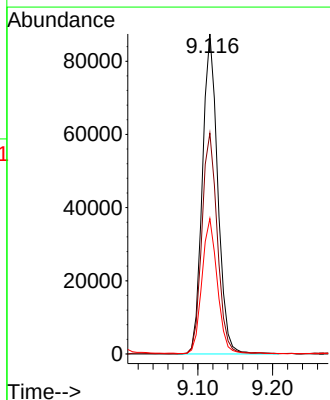
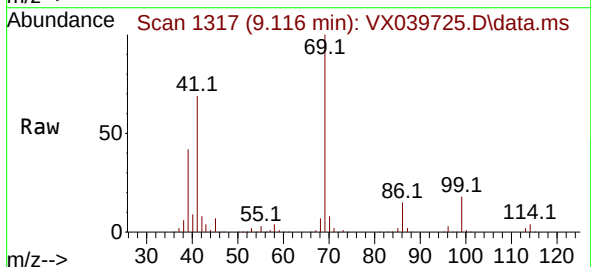
Manual Integrations
APPROVED

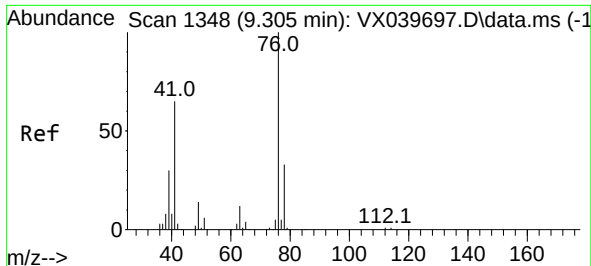
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#56
Ethyl methacrylate
Concen: 55.627 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.8	85.2
39	41.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 53.675 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 126039

Ion Ratio Lower Upper

76 100

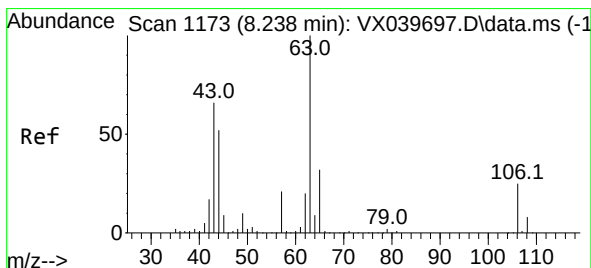
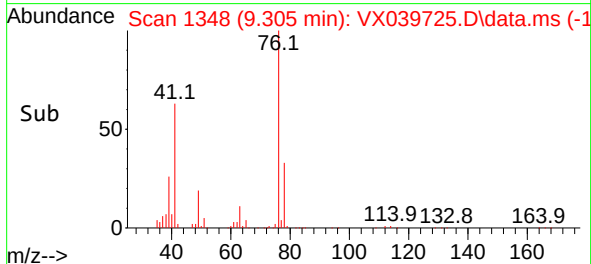
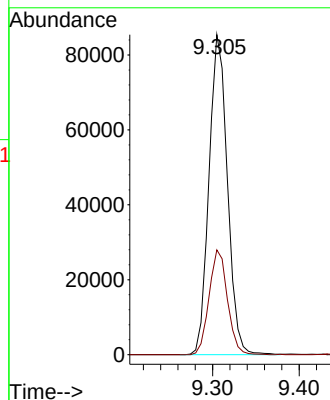
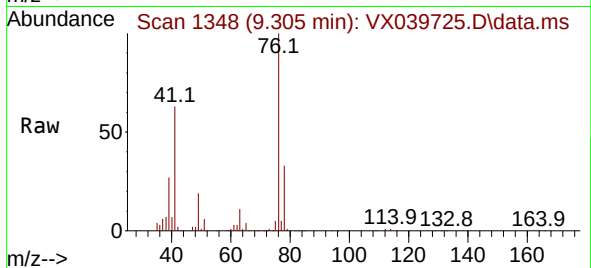
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 283.714 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039725.D

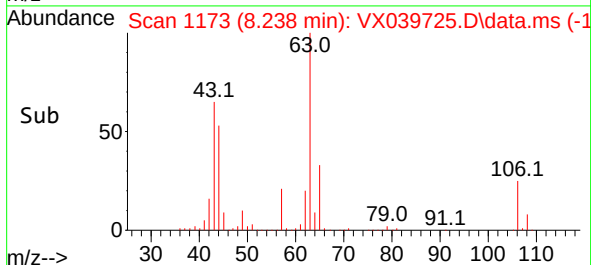
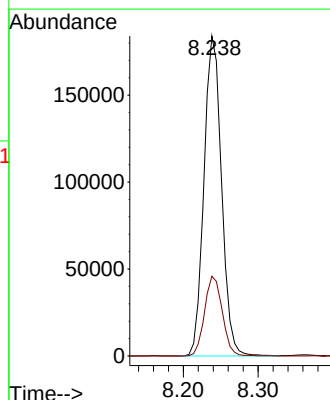
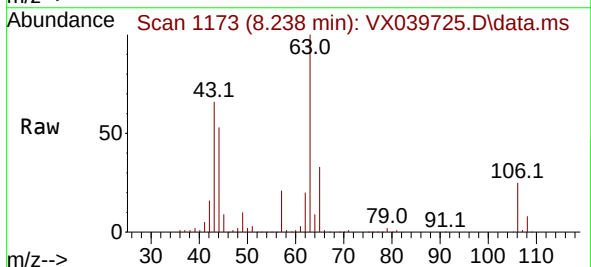
Acq: 12 Jan 2024 10:27

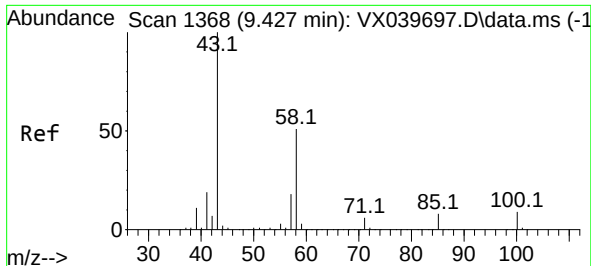
Tgt Ion: 63 Resp: 300747

Ion Ratio Lower Upper

63 100

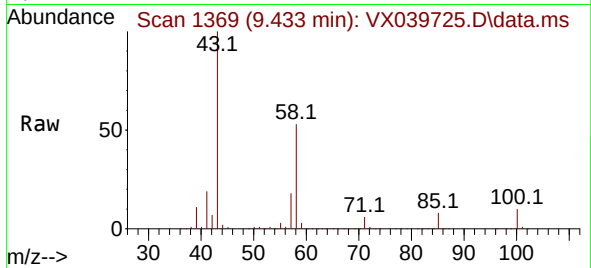
106 25.1 22.5 33.7





#59
2-Hexanone
Concen: 254.894 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

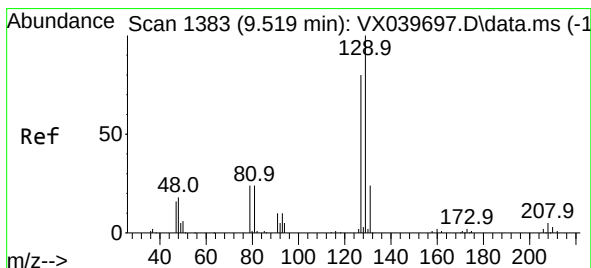
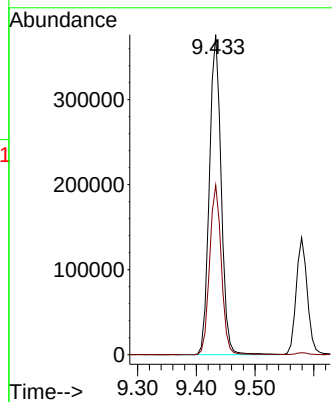
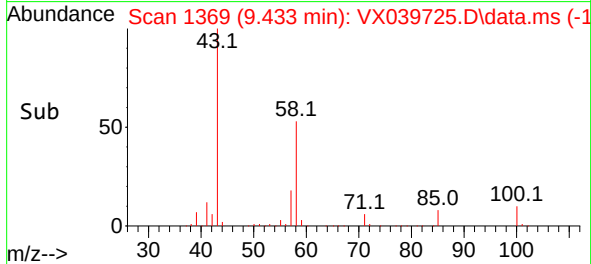
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 52321
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.5

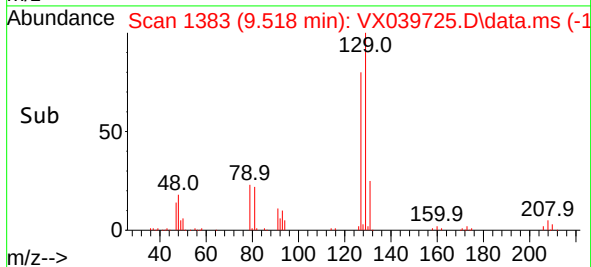
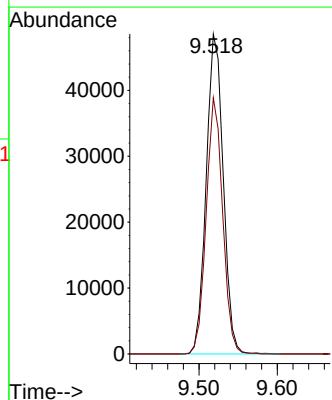
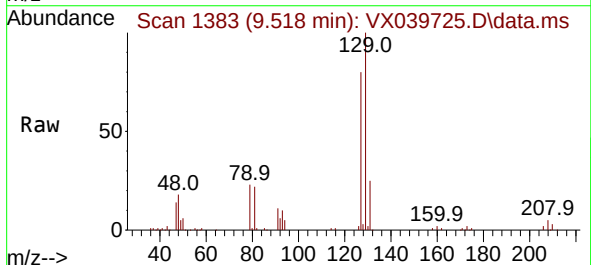
Manual Integrations
APPROVED

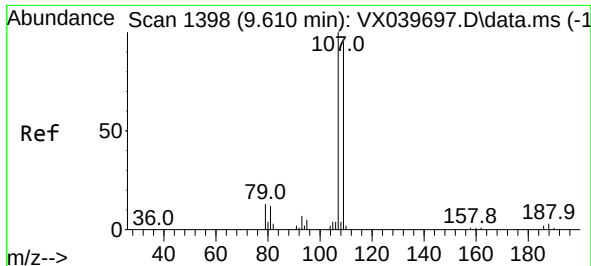
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#60
Dibromochloromethane
Concen: 55.964 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

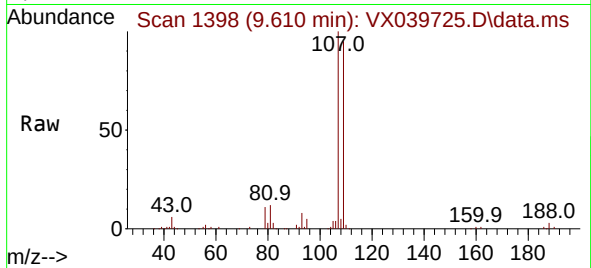
Tgt Ion:129 Resp: 73131
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.781 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

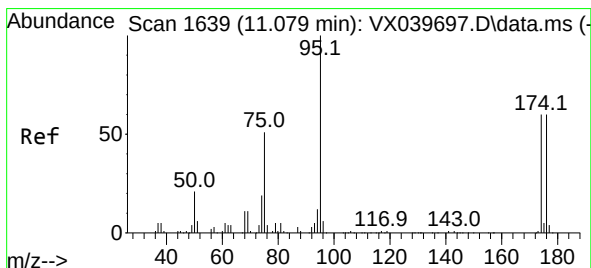
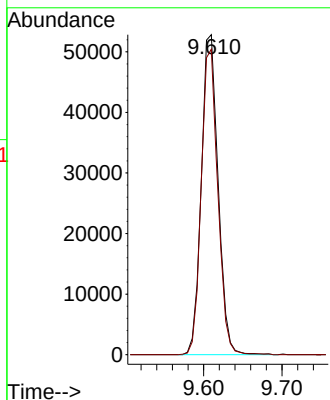
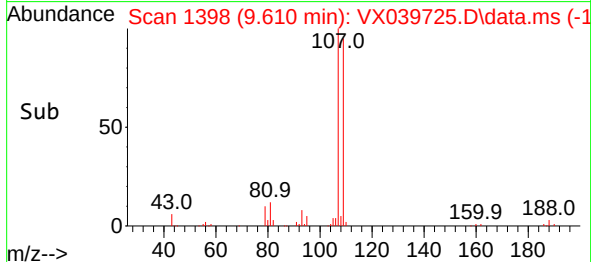
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



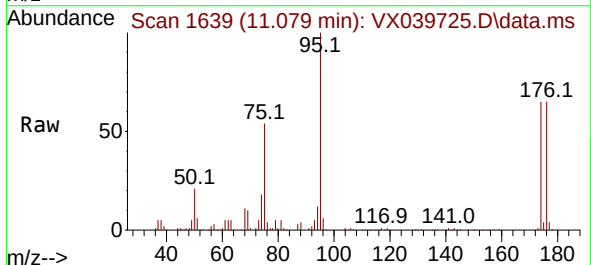
Tgt Ion:107 Resp: 78600
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

Manual Integrations
APPROVED

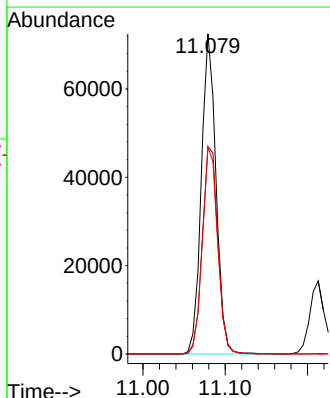
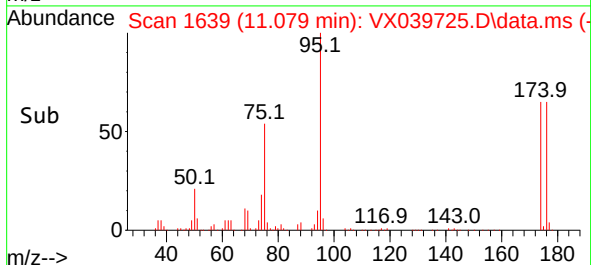
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024

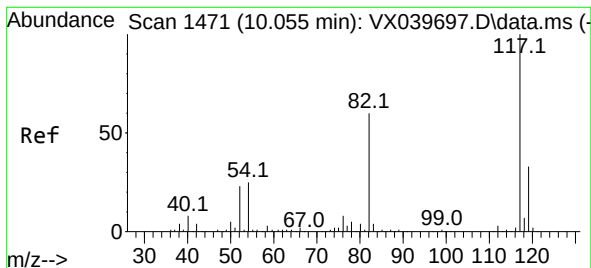


#62
4-Bromofluorobenzene
Concen: 49.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



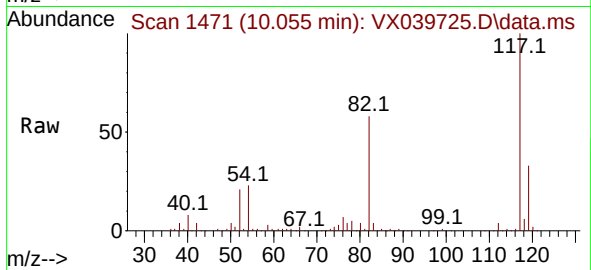
Tgt Ion: 95 Resp: 89853
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.6
176 67.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

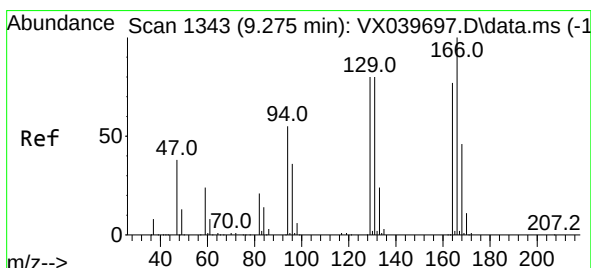
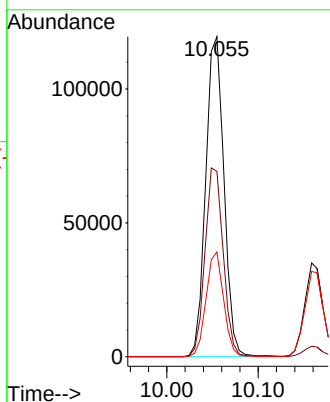
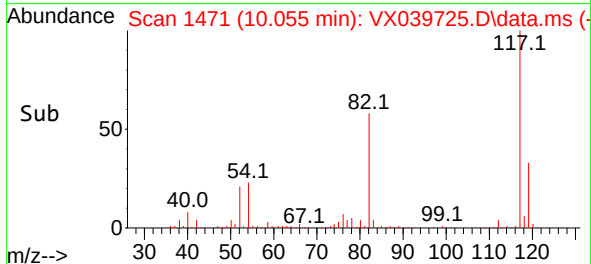
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 165838
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.7 25.5 38.3

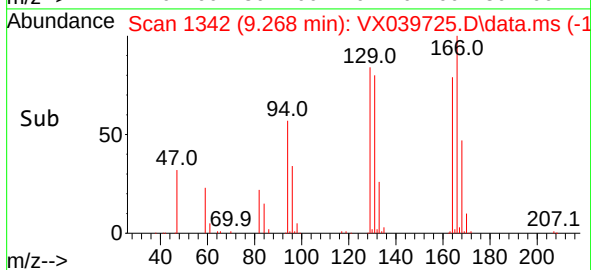
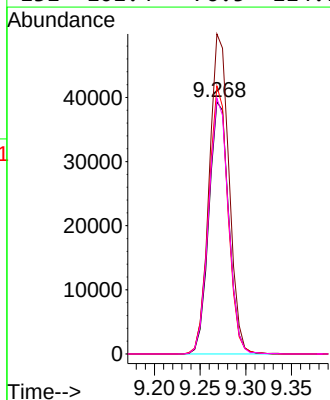
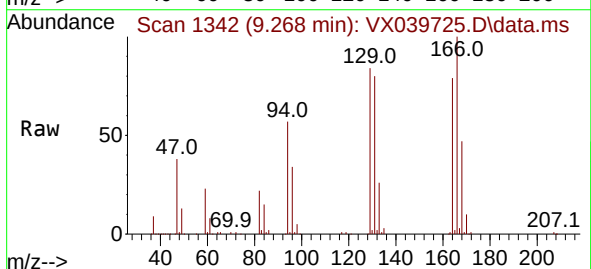
Manual Integrations
APPROVED

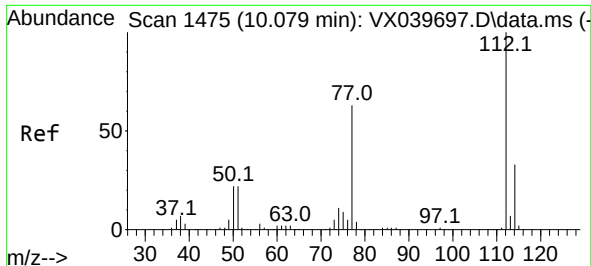
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#64
Tetrachloroethene
Concen: 54.722 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion:164 Resp: 59015
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 106.3 80.4 120.6
131 101.4 76.5 114.7





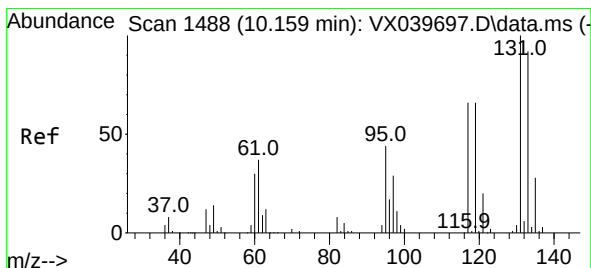
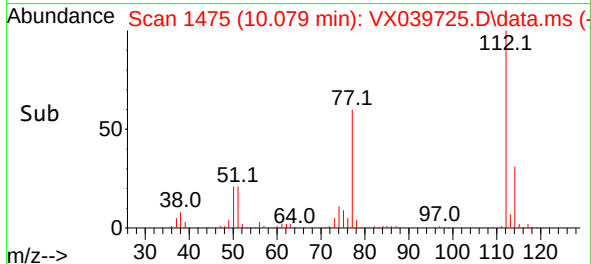
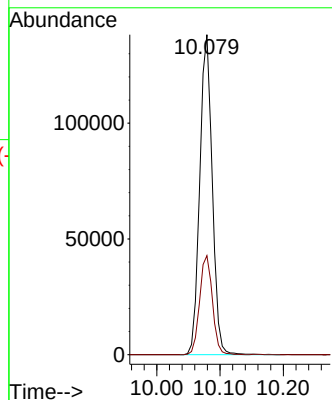
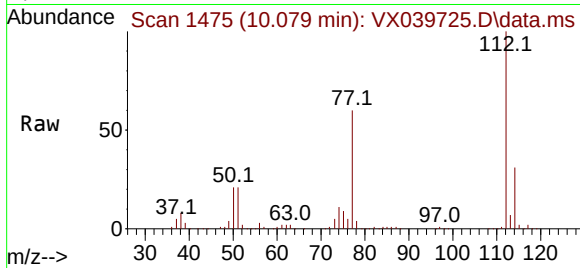
#65
Chlorobenzene
Concen: 54.986 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 18992
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

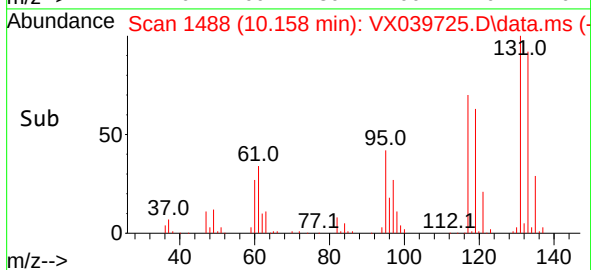
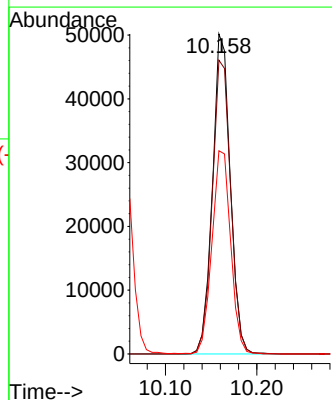
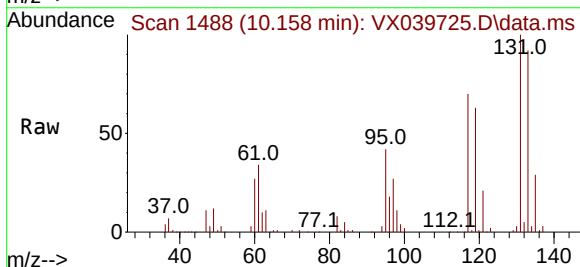
Manual Integrations
APPROVED

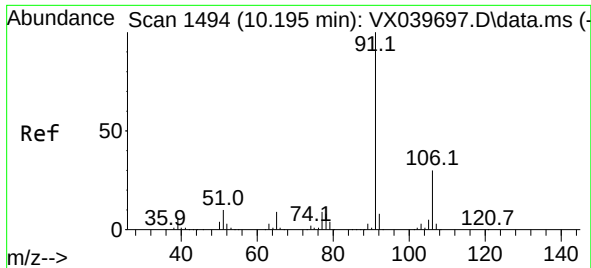
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 57.714 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

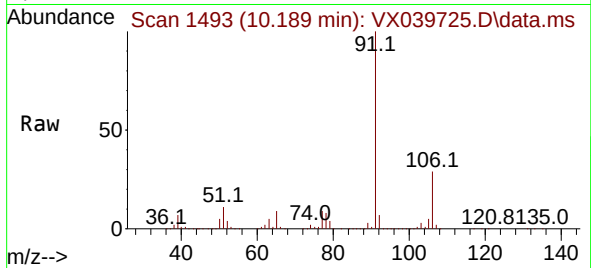
Tgt Ion:131 Resp: 67878
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 66.7 32.2 96.6





#67
Ethyl Benzene
Concen: 55.123 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

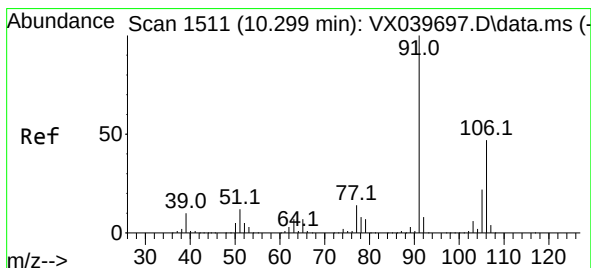
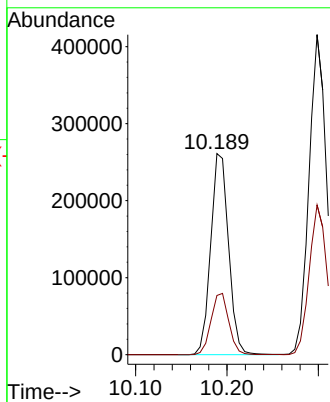
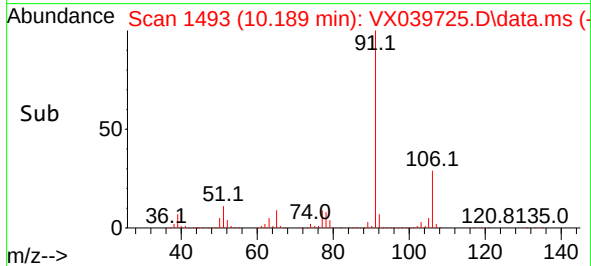
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



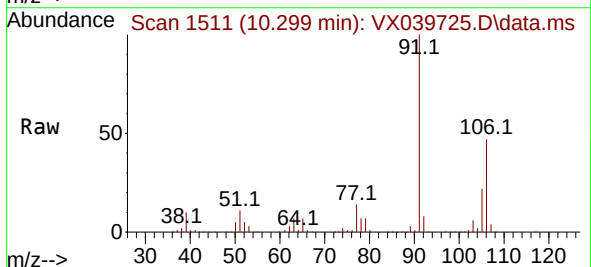
Tgt Ion: 91 Resp: 35348
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

Manual Integrations
APPROVED

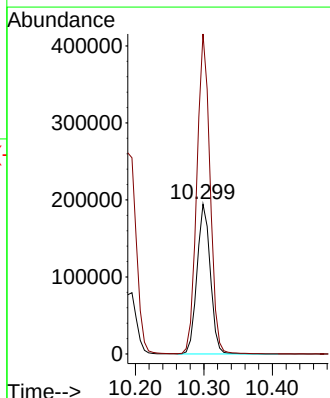
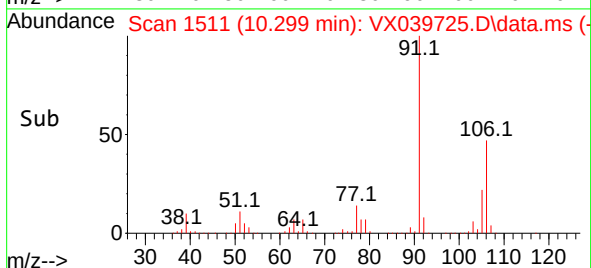
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024

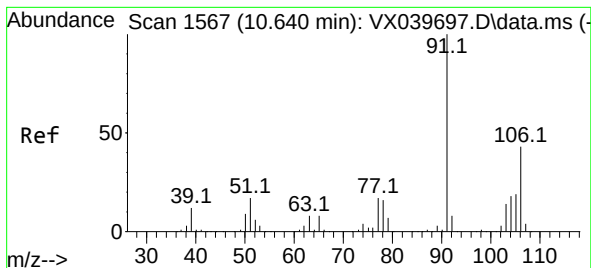


#68
m/p-Xylenes
Concen: 111.684 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



Tgt Ion:106 Resp: 263390
Ion Ratio Lower Upper
106 100
91 211.2 165.5 248.3





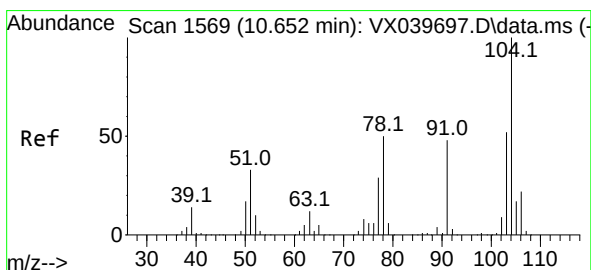
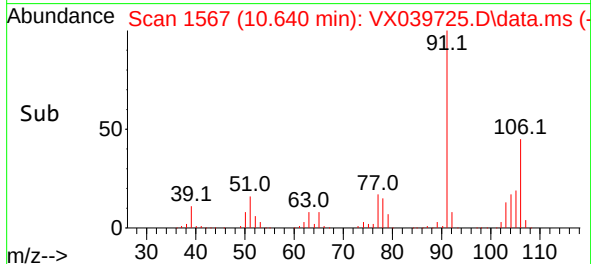
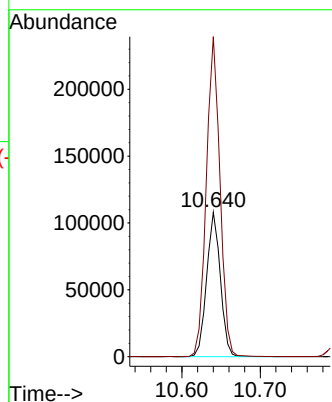
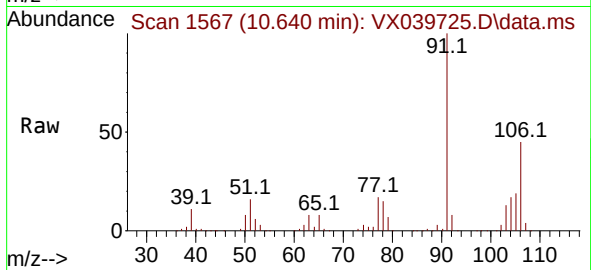
#69
o-Xylene
Concen: 55.924 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 130612
Ion Ratio Lower Upper
106 100
91 222.0 108.9 326.8

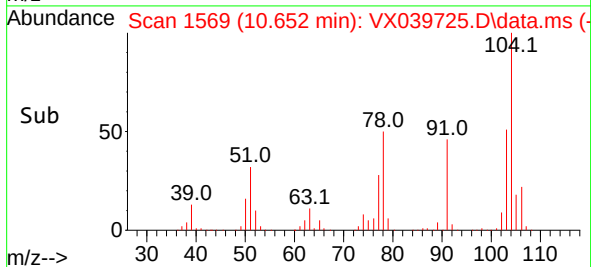
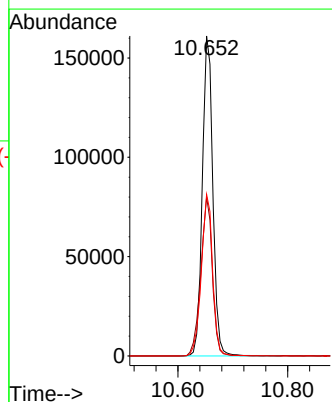
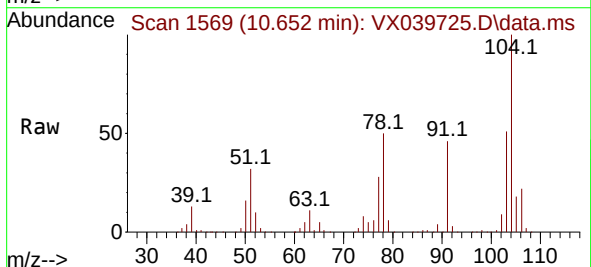
Manual Integrations
APPROVED

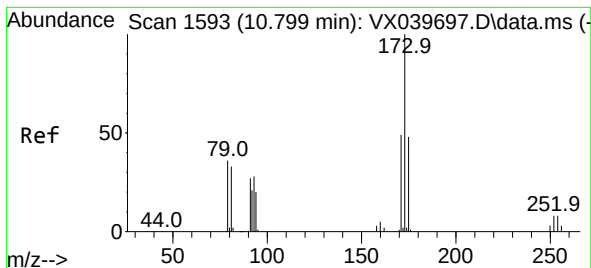
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#70
Styrene
Concen: 56.184 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion:104 Resp: 214351
Ion Ratio Lower Upper
104 100
78 54.7 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 58.245 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

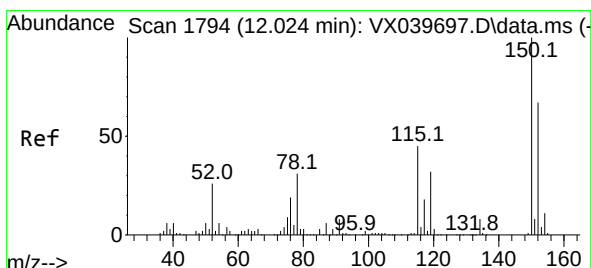
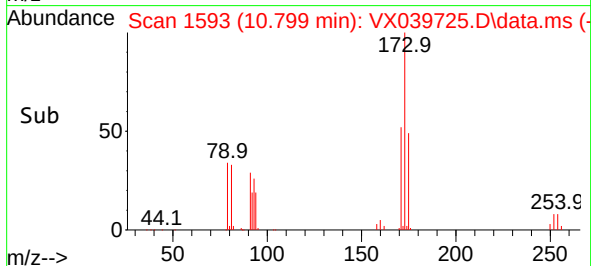
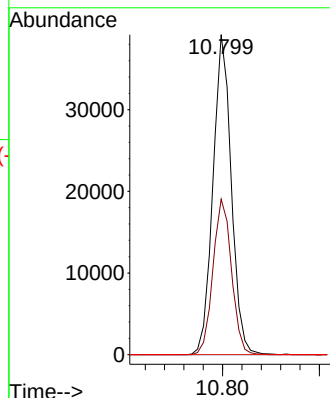
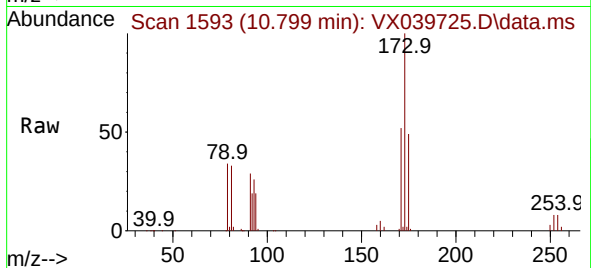
Tgt Ion:	173	Resp:	51438
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

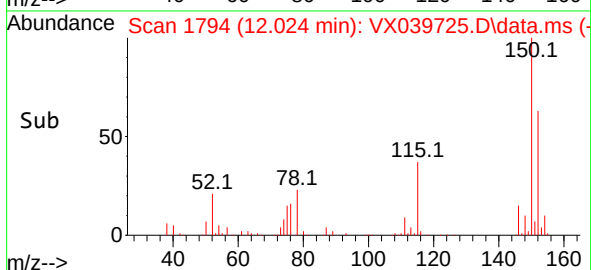
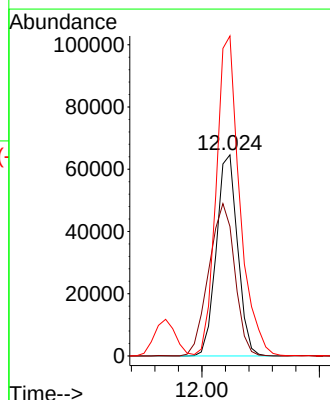
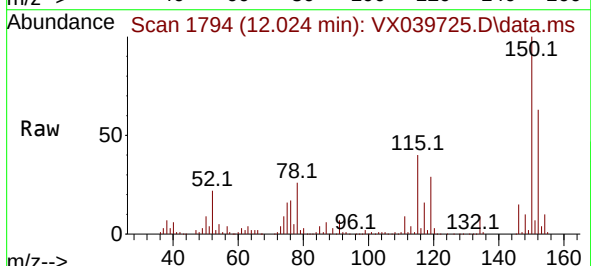
RT: 12.024 min Scan# 1794

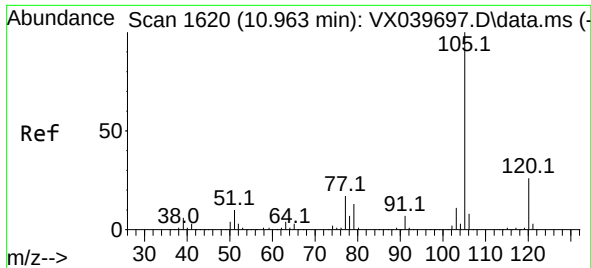
Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Tgt Ion:	152	Resp:	81290
Ion Ratio	Lower	Upper	
152	100		
115	92.5	43.3	129.9
150	176.1	0.0	345.0





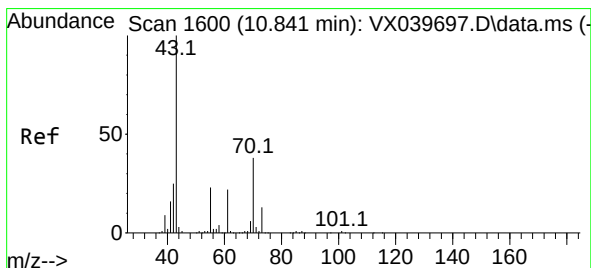
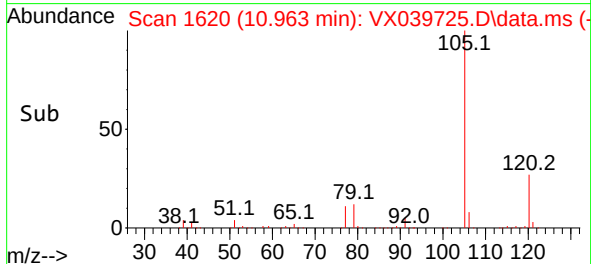
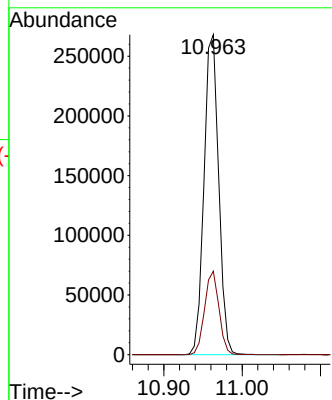
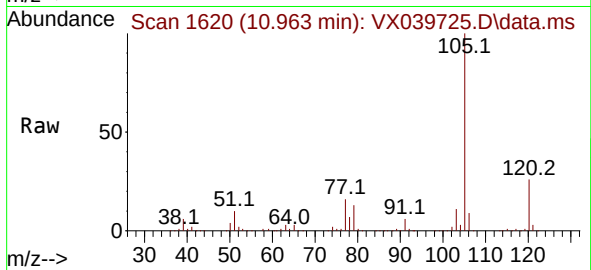
#73
Isopropylbenzene
Concen: 53.664 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 34731
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

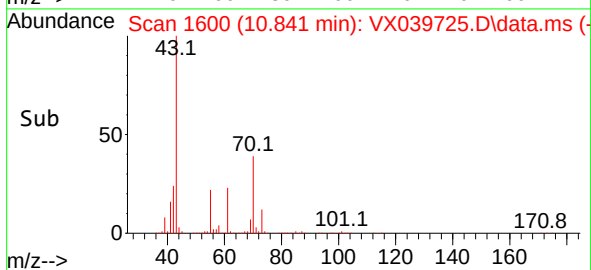
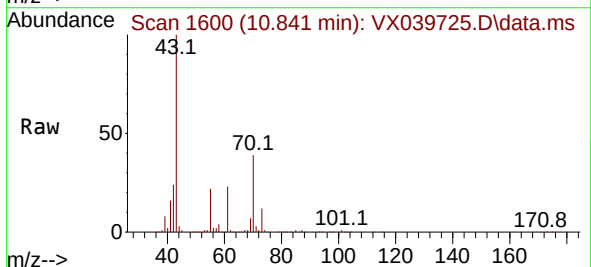
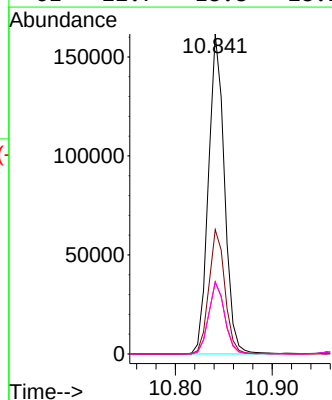
Manual Integrations
APPROVED

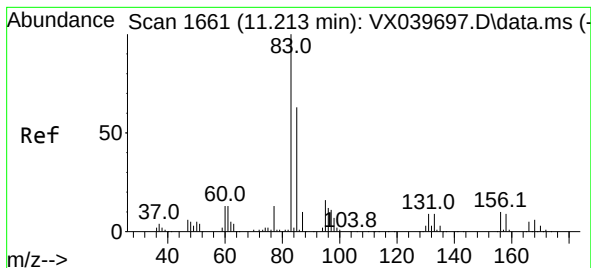
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#74
N-ethyl acetate
Concen: 55.364 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion: 43 Resp: 186774
Ion Ratio Lower Upper
43 100
70 38.9 32.9 49.3
55 22.5 19.3 28.9
61 22.7 18.8 28.2





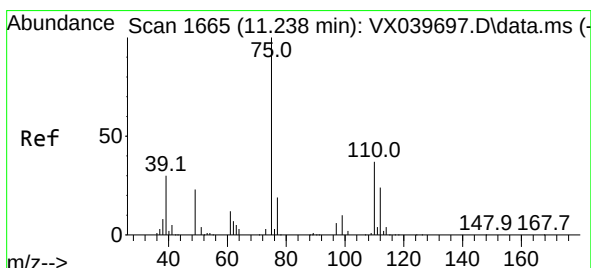
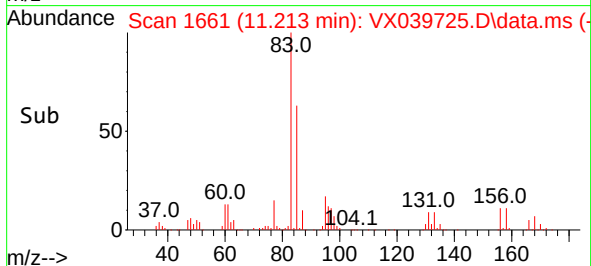
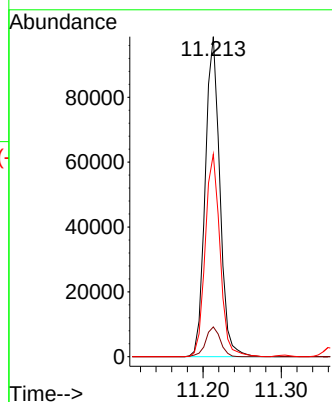
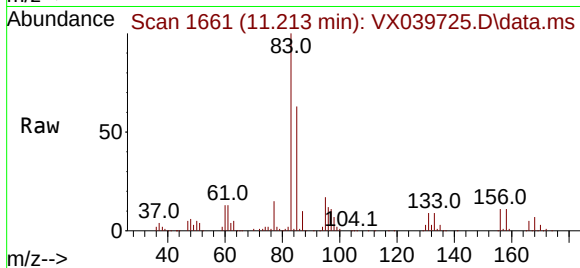
#75
1,1,2,2-Tetrachloroethane
Concen: 51.648 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12764
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.2 32.0 96.2

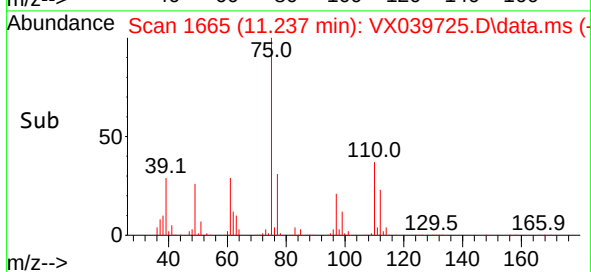
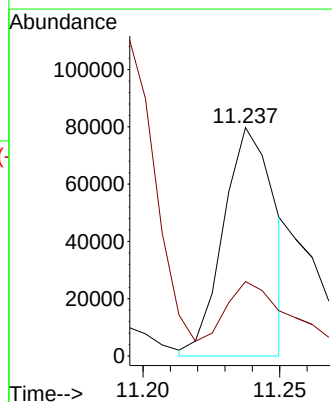
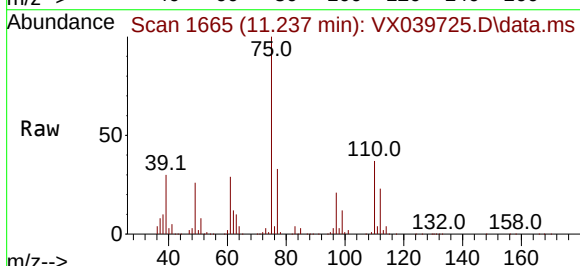
Manual Integrations
APPROVED

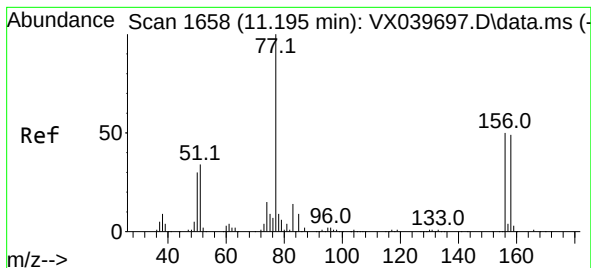
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#76
1,2,3-Trichloropropane
Concen: 49.075 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion: 75 Resp: 103427
Ion Ratio Lower Upper
75 100
77 44.1 19.1 57.5





#77

Bromobenzene

Concen: 52.773 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

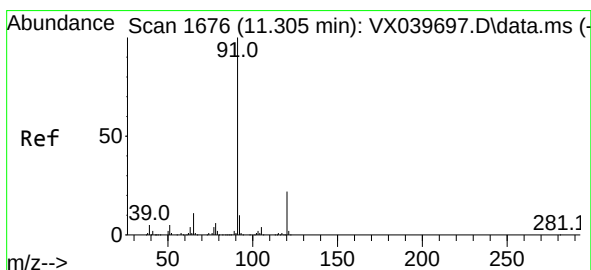
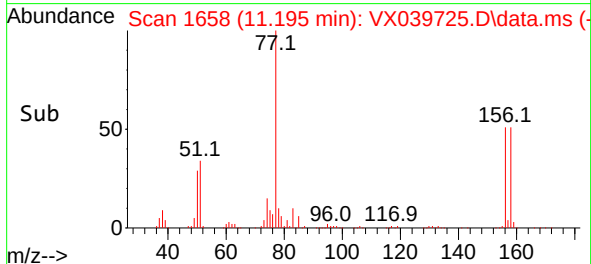
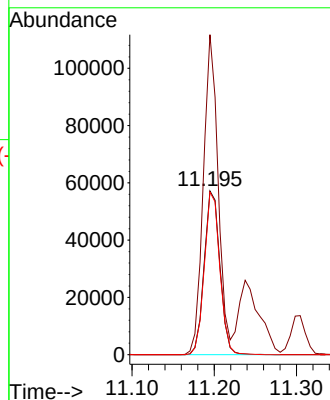
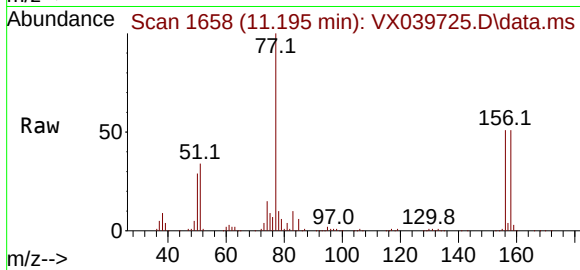
Tgt Ion:	156	Resp:	7604
Ion Ratio	Lower	Upper	
156	100		
77	183.5	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#78

n-propylbenzene

Concen: 53.723 ug/l

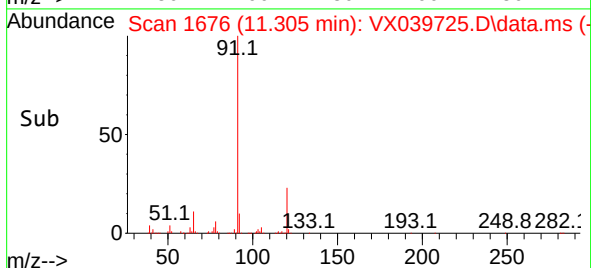
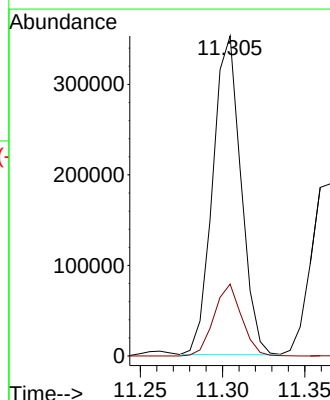
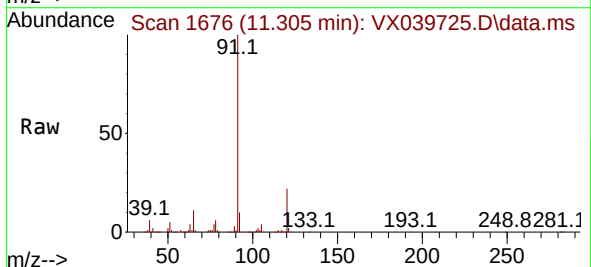
RT: 11.305 min Scan# 1676

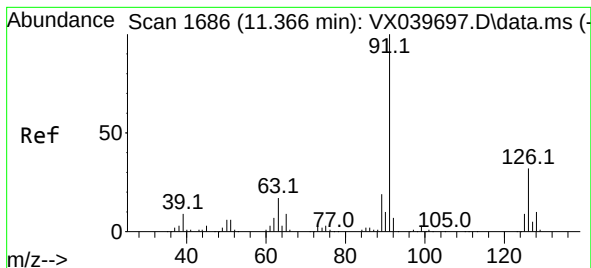
Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Tgt Ion:	91	Resp:	420827
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





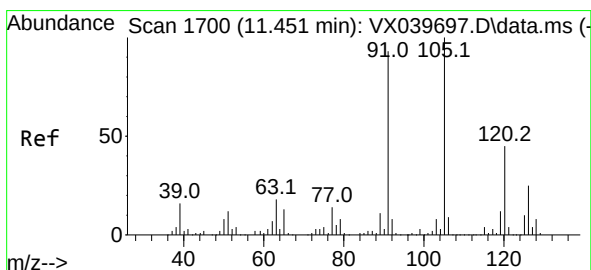
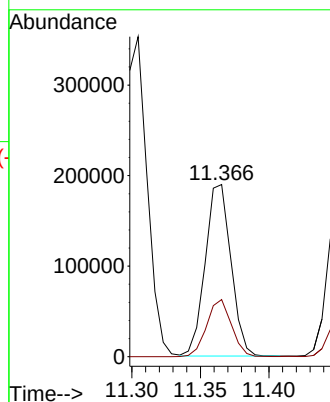
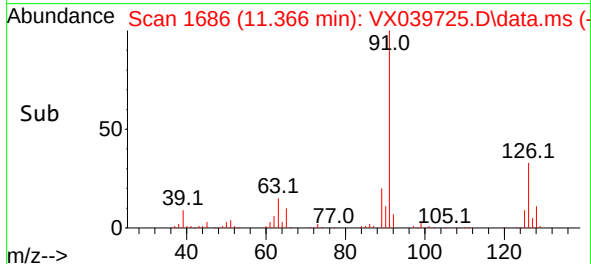
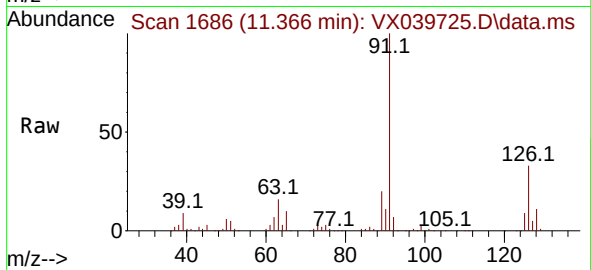
#79
2-Chlorotoluene
Concen: 51.220 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 24797
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

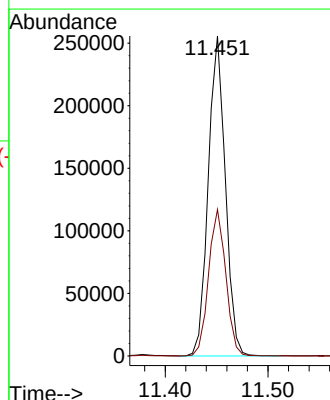
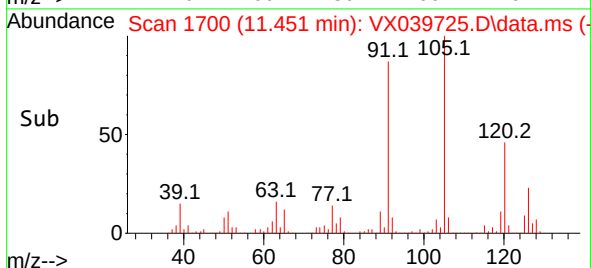
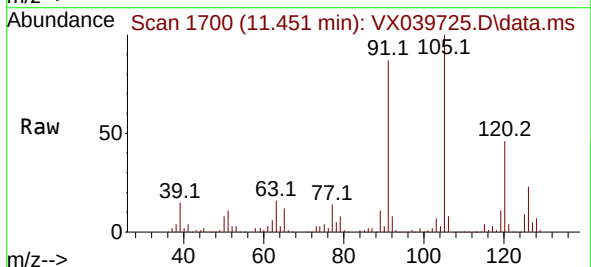
Manual Integrations
APPROVED

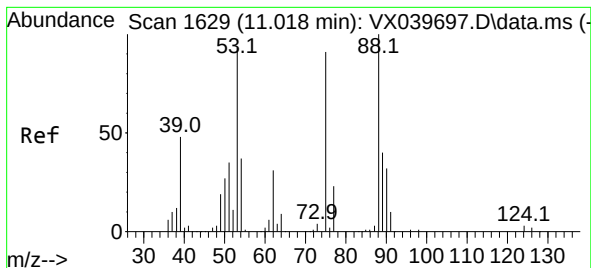
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.629 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Tgt Ion:105 Resp: 294789
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





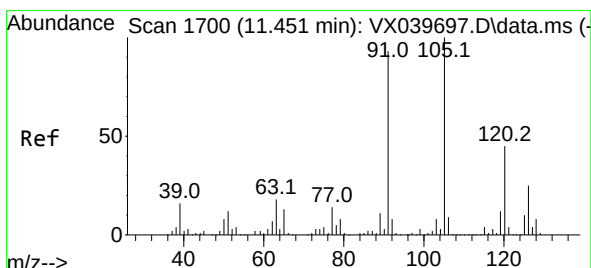
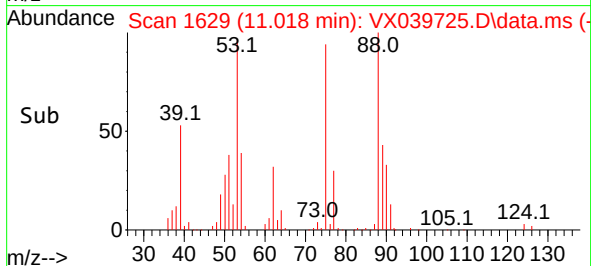
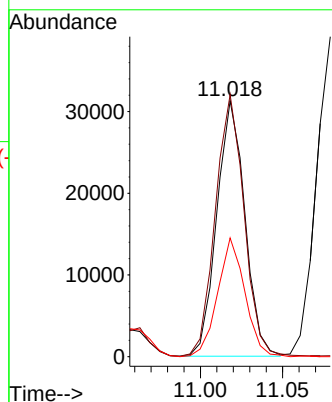
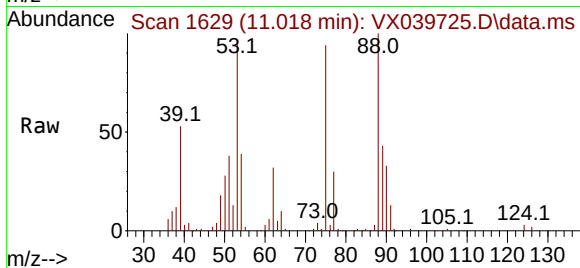
#81
trans-1,4-Dichloro-2-butene
Concen: 52.300 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 37099
Ion Ratio Lower Upper
75 100
53 105.2 90.5 135.7
89 45.3 36.9 55.3

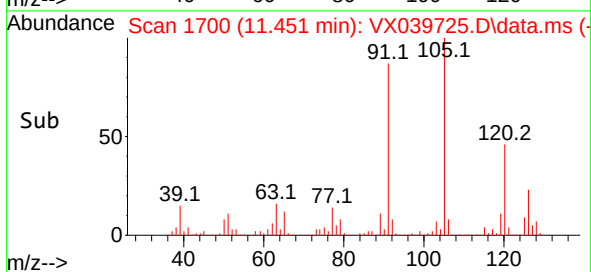
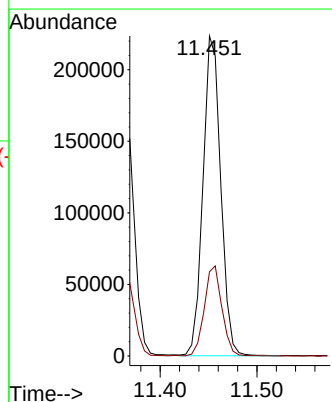
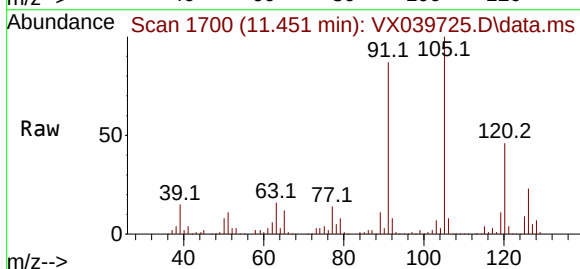
Manual Integrations
APPROVED

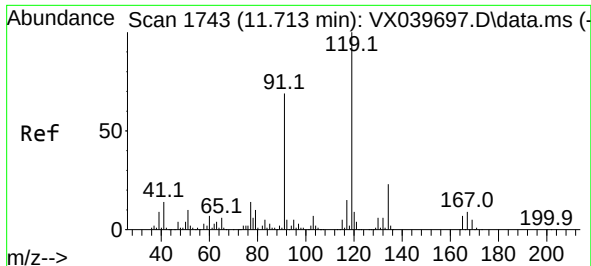
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#82
4-Chlorotoluene
Concen: 51.903 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

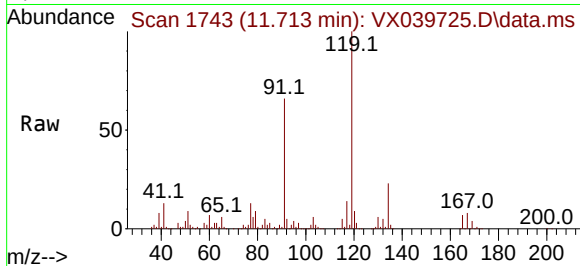
Tgt Ion: 91 Resp: 285026
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 54.415 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

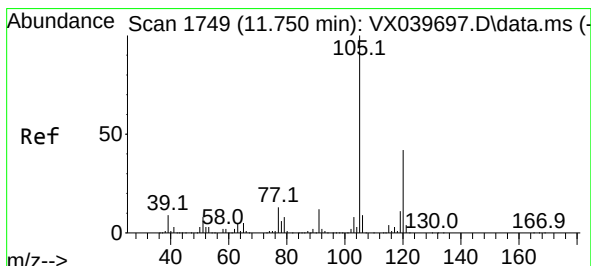
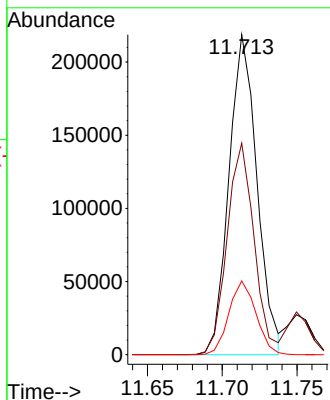
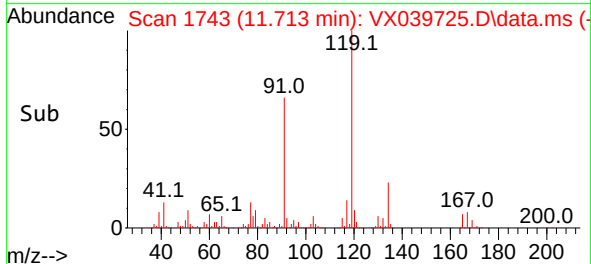
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



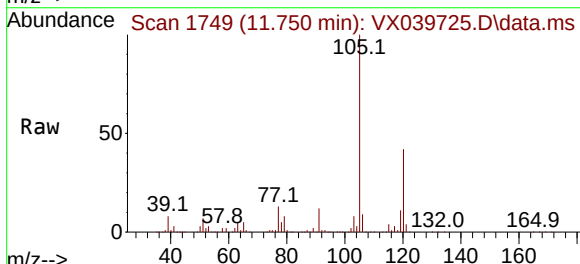
Tgt Ion:119 Resp: 285559
Ion Ratio Lower Upper
119 100
91 63.6 31.2 93.6
134 22.2 11.7 35.0

Manual Integrations
APPROVED

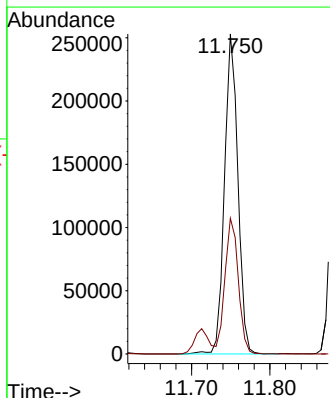
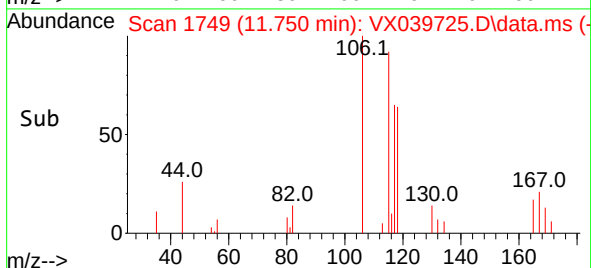
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024

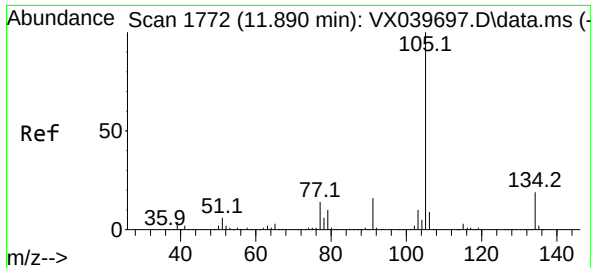


#84
1,2,4-Trimethylbenzene
Concen: 54.938 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



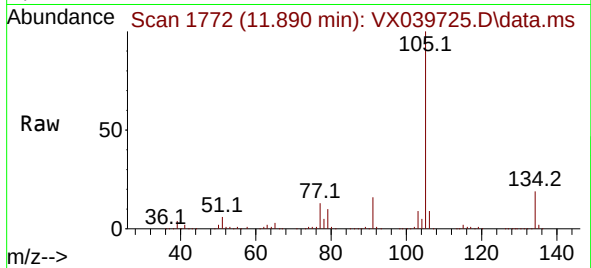
Tgt Ion:105 Resp: 301276
Ion Ratio Lower Upper
105 100
120 42.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 54.921 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039725.D
 Acq: 12 Jan 2024 10:27

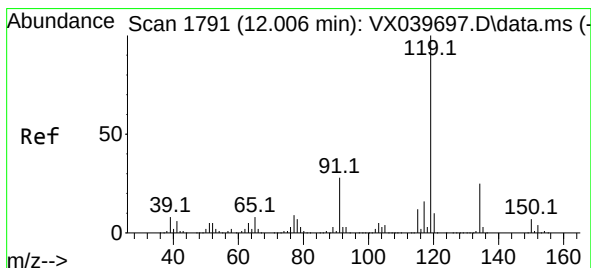
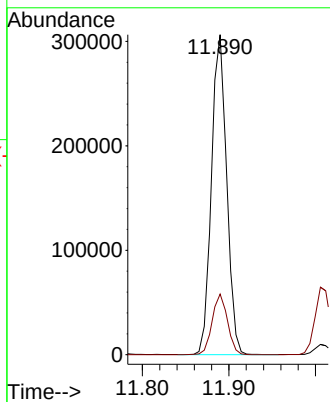
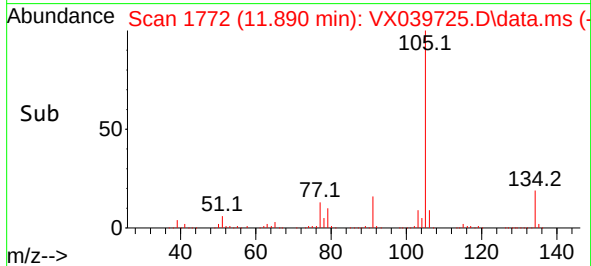
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 37413
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

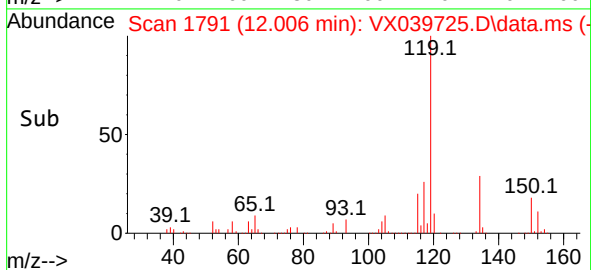
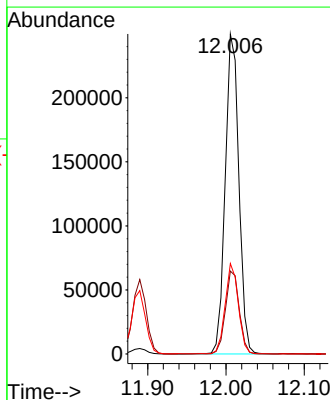
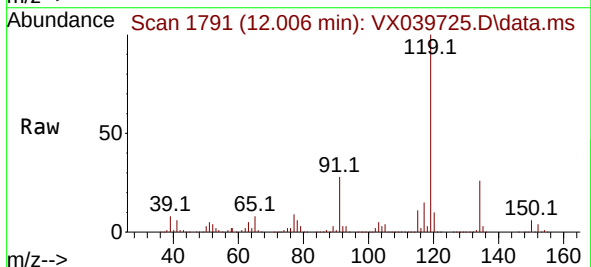
Manual Integrations
 APPROVED

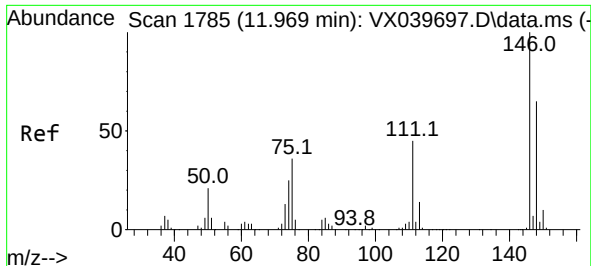
Reviewed By :John Carlone 01/15/2024
 Supervised By :Mahesh Dadoda 01/15/2024



#86
 p-Isopropyltoluene
 Concen: 55.731 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039725.D
 Acq: 12 Jan 2024 10:27

Tgt Ion:119 Resp: 303429
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.484 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 150500

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.1

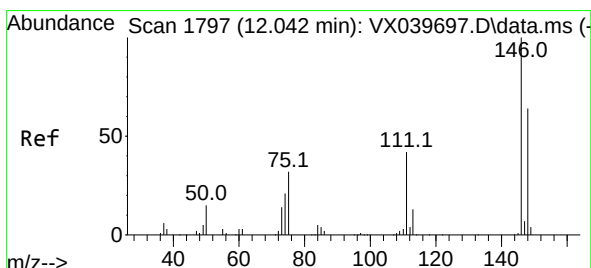
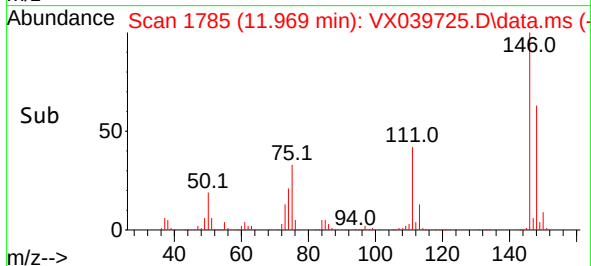
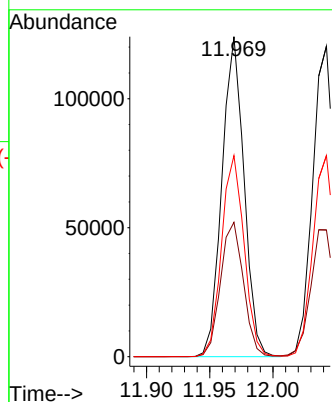
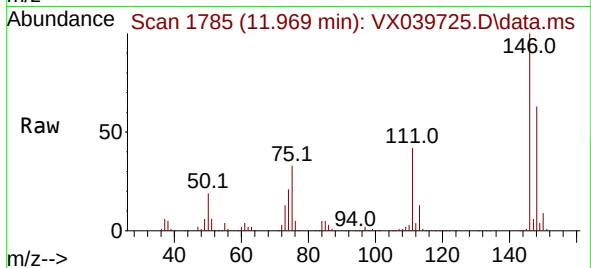
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#88

1,4-Dichlorobenzene

Concen: 52.366 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

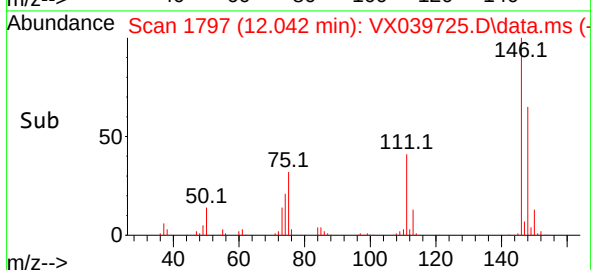
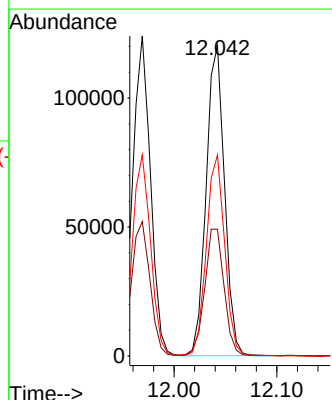
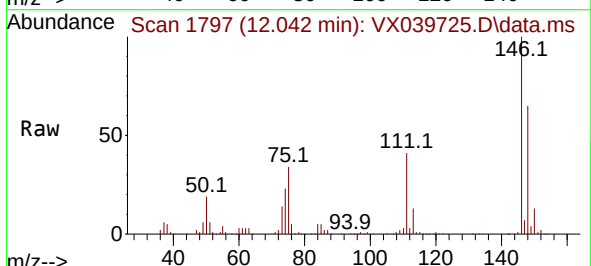
Tgt Ion:146 Resp: 149398

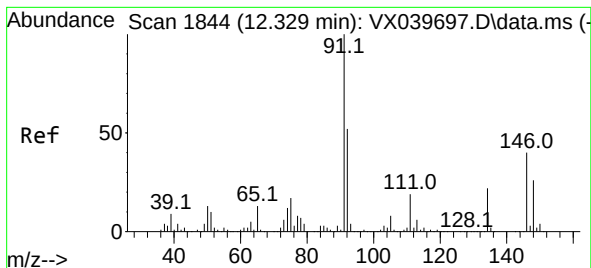
Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.7

148 65.1 31.8 95.4





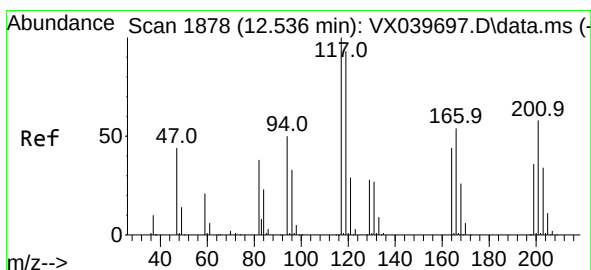
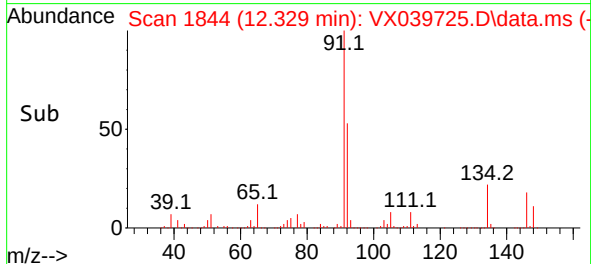
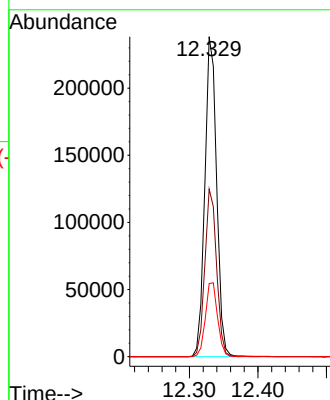
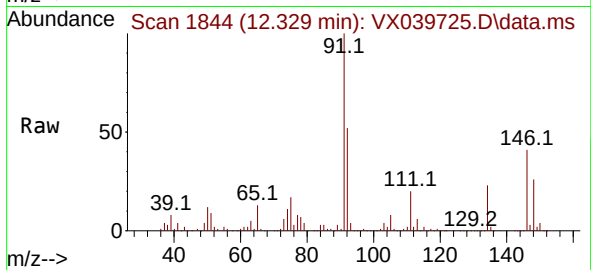
#89
n-Butylbenzene
Concen: 54.354 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28582
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 23.9 12.6 37.8

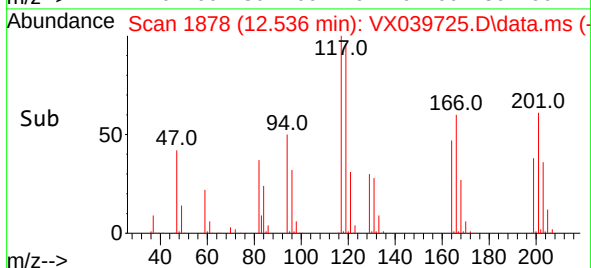
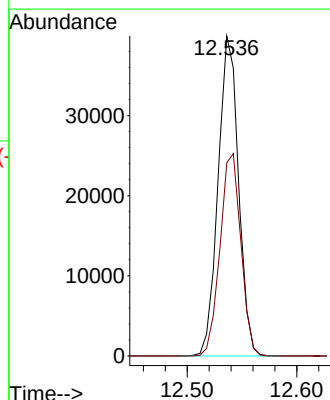
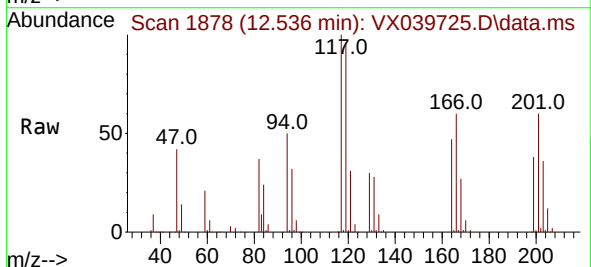
Manual Integrations
APPROVED

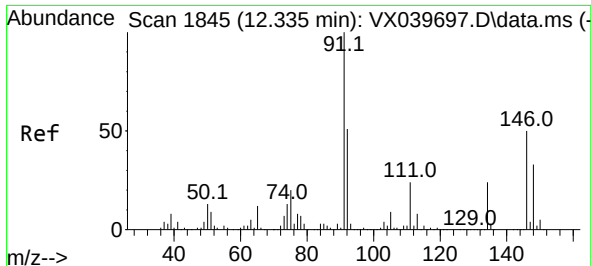
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#90
Hexachloroethane
Concen: 56.315 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

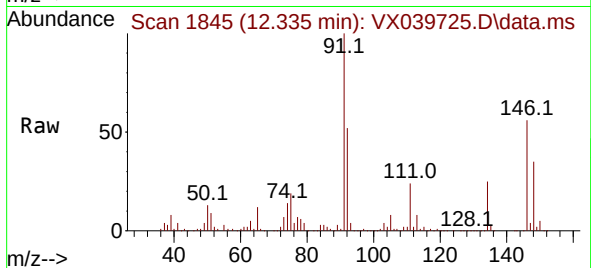
Tgt Ion:117 Resp: 51726
Ion Ratio Lower Upper
117 100
201 64.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.876 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27

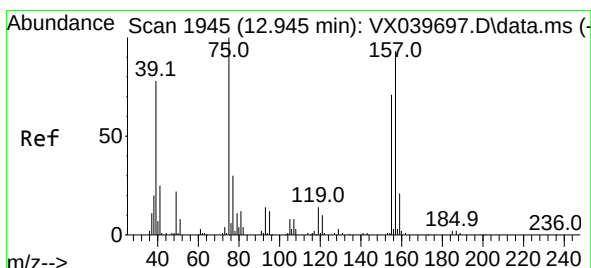
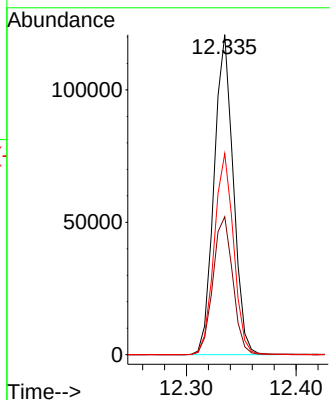
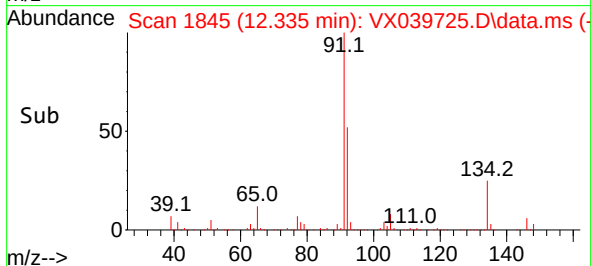
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



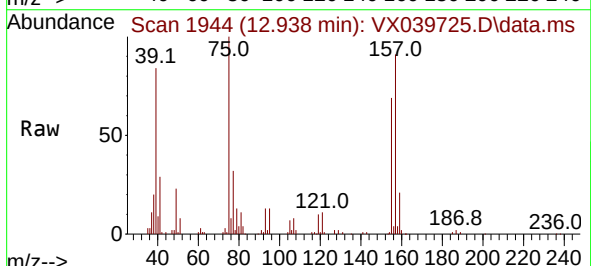
Tgt Ion:146 Resp: 147128
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 63.6 31.6 95.0

Manual Integrations
APPROVED

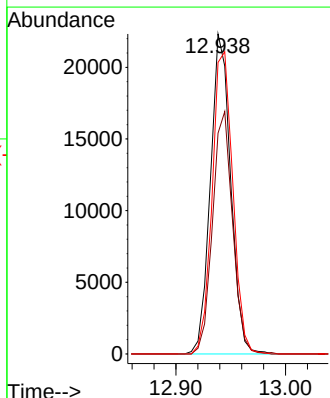
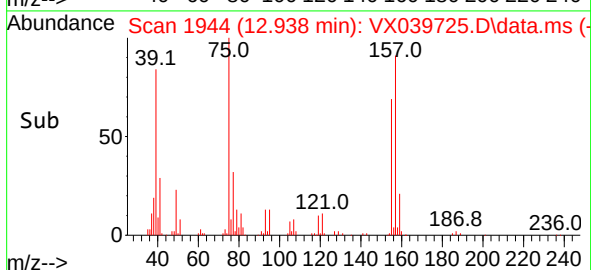
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024

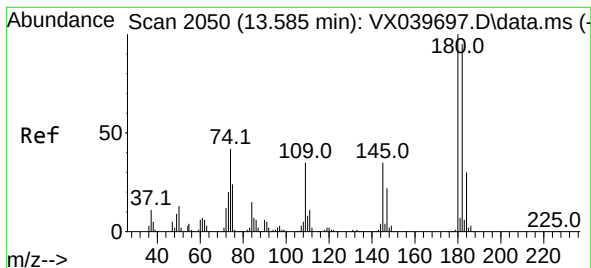


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.372 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039725.D
Acq: 12 Jan 2024 10:27



Tgt Ion: 75 Resp: 28688
Ion Ratio Lower Upper
75 100
155 74.9 36.1 108.5
157 96.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.334 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

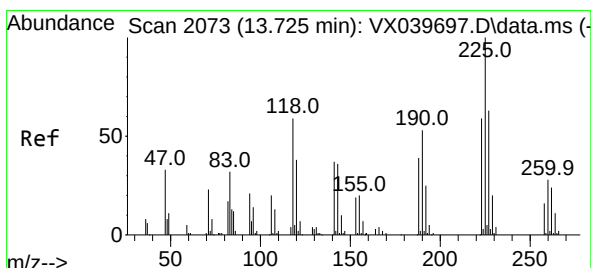
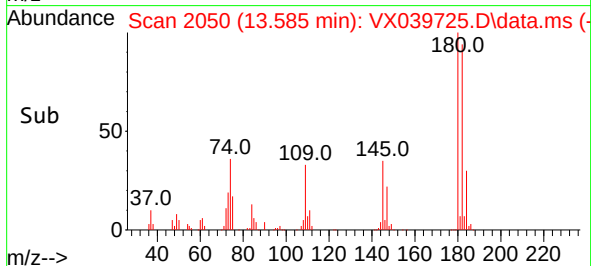
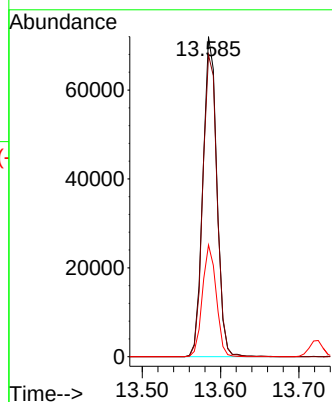
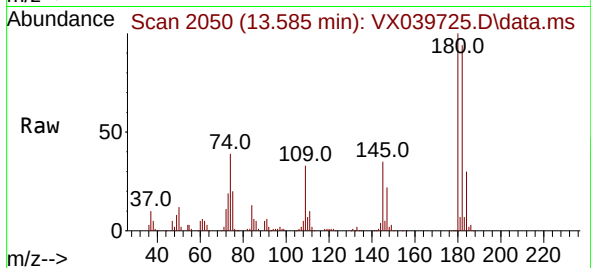
Tgt Ion:180	Resp:	89000
Ion Ratio	Lower	Upper
180	100	
182	97.0	48.3 144.8
145	34.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#94

Hexachlorobutadiene

Concen: 55.746 ug/l

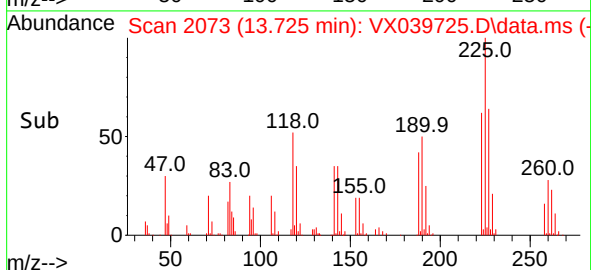
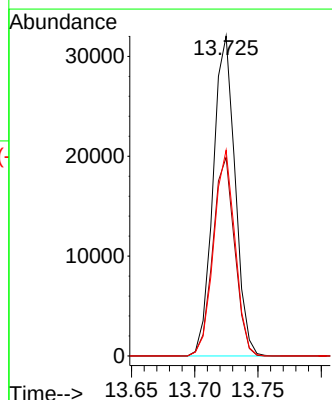
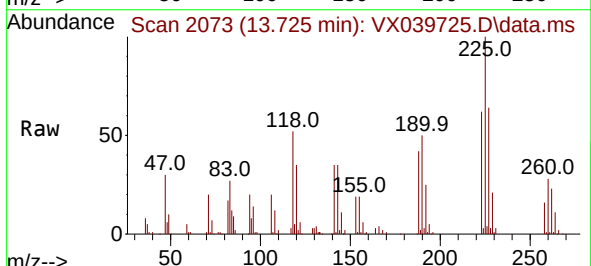
RT: 13.725 min Scan# 2073

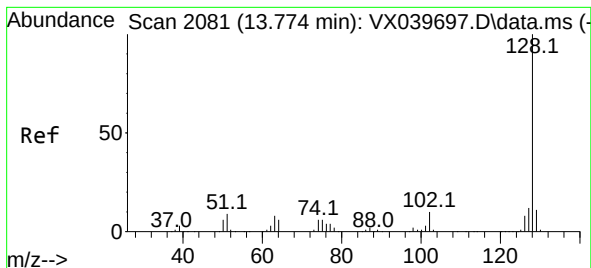
Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Tgt Ion:225	Resp:	38673
Ion Ratio	Lower	Upper
225	100	
223	61.6	31.1 93.2
227	62.3	32.5 97.5





#95

Naphthalene

Concen: 53.052 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 32593

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

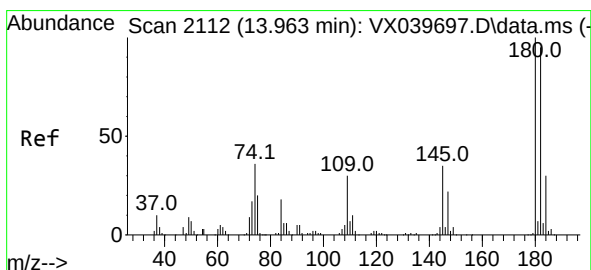
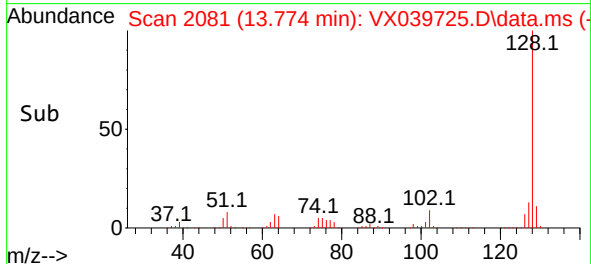
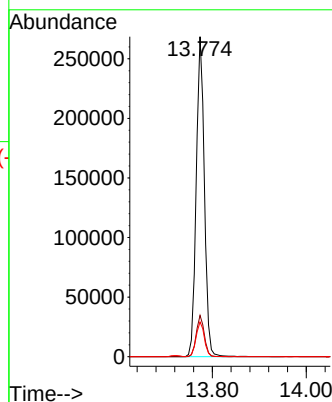
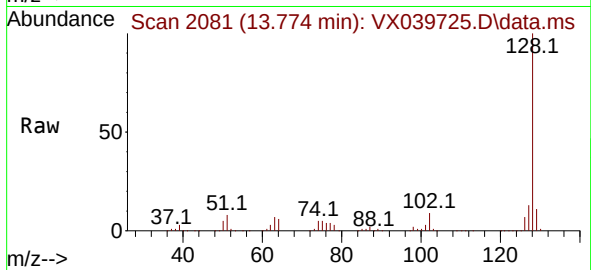
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2024

Supervised By :Mahesh Dadoda 01/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.578 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039725.D

Acq: 12 Jan 2024 10:27

Tgt Ion:180 Resp: 90242

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.6

145 35.1 17.8 53.5

