

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039588.D
 Acq On : 03 Jan 2024 09:42
 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 01/04/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 03:26:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	108606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91346	45.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.820%		
35) Dibromofluoromethane	5.373	113	67271	50.090	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.180%		
50) Toluene-d8	8.647	98	247504	49.640	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.079	95	96745	47.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73322	48.045	ug/l	97
3) Chloromethane	1.294	50	83984	49.639	ug/l	99
4) Vinyl Chloride	1.374	62	82850	52.654	ug/l	100
5) Bromomethane	1.593	94	38407	42.426	ug/l	99
6) Chloroethane	1.666	64	39972	42.155	ug/l	99
7) Trichlorofluoromethane	1.874	101	119168	51.721	ug/l	97
8) Diethyl Ether	2.130	74	44272	55.518	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	74081	52.688	ug/l	96
10) Methyl Iodide	2.447	142	74910	51.545	ug/l	94
11) Tert butyl alcohol	3.001	59	112880	225.933	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	69416	49.702	ug/l	94
13) Acrolein	2.233	56	134556	337.591	ug/l	99
14) Allyl chloride	2.660	41	139649	49.359	ug/l	96
15) Acrylonitrile	3.056	53	255280	255.268	ug/l	98
16) Acetone	2.380	43	335449	295.446	ug/l	93
17) Carbon Disulfide	2.502	76	174185	42.619	ug/l	100
18) Methyl Acetate	2.697	43	238997	55.537	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	257113	50.903	ug/l	97
20) Methylene Chloride	2.782	84	82076	49.486	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	72587	47.763	ug/l	96
22) Diisopropyl ether	3.757	45	275653	53.524	ug/l #	83
23) Vinyl Acetate	3.715	43	989463	258.068	ug/l	99
24) 1,1-Dichloroethane	3.599	63	148048	50.853	ug/l	100
25) 2-Butanone	4.550	43	395254	230.219	ug/l	98
26) 2,2-Dichloropropane	4.465	77	120893	47.565	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	85792	51.146	ug/l	98
28) Bromochloromethane	4.891	49	73172	51.511	ug/l	92
29) Tetrahydrofuran	4.995	42	242665	255.941	ug/l	99
30) Chloroform	5.086	83	146876	50.485	ug/l	99
31) Cyclohexane	5.458	56	127981	49.803	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	124861	49.438	ug/l	98
36) 1,1-Dichloropropene	5.684	75	106185	50.103	ug/l	100
37) Ethyl Acetate	4.702	43	138041	52.721	ug/l	99
38) Carbon Tetrachloride	5.666	117	99040	48.969	ug/l	96
39) Methylcyclohexane	7.373	83	132675	52.117	ug/l	99
40) Benzene	6.031	78	314048	52.385	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	74745	53.504	ug/l	97
42) 1,2-Dichloroethane	6.080	62	122401	50.438	ug/l	99
43) Isopropyl Acetate	6.336	43	221137	51.937	ug/l	100
44) Trichloroethene	7.117	130	75489	49.899	ug/l	98
45) 1,2-Dichloropropane	7.421	63	85006	52.833	ug/l	99
46) Dibromomethane	7.574	93	57707	51.022	ug/l	96
47) Bromodichloromethane	7.818	83	112447	51.998	ug/l	98
48) Methyl methacrylate	7.690	41	129704	52.108	ug/l	95
49) 1,4-Dioxane	7.665	88	38457	1146.166	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	737021	271.681	ug/l	98
52) Toluene	8.714	92	190341	52.604	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	120396	50.569	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	131143	51.193	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	79504	52.631	ug/l	92
56) Ethyl methacrylate	9.116	69	102161	55.399	ug/l	98
57) 1,3-Dichloropropane	9.305	76	137204	52.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	369948	341.648	ug/l	94
59) 2-Hexanone	9.433	43	617837	263.890	ug/l	98
60) Dibromochloromethane	9.519	129	78374	51.301	ug/l	99
61) 1,2-Dibromoethane	9.604	107	84518	52.411	ug/l	100
64) Tetrachloroethene	9.269	164	58488	50.948	ug/l	95
65) Chlorobenzene	10.073	112	197430	51.487	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	72096	53.228	ug/l	99
67) Ethyl Benzene	10.189	91	375286	52.577	ug/l	97
68) m/p-Xylenes	10.299	106	270407	105.660	ug/l	95
69) o-Xylene	10.640	106	134004	54.156	ug/l	95
70) Styrene	10.652	104	197849	54.693	ug/l	97
71) Bromoform	10.799	173	52953	52.596	ug/l #	100
73) Isopropylbenzene	10.963	105	362735	55.516	ug/l	100
74) N-amyl acetate	10.841	43	192430	58.209	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	139699	57.474	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118818m	54.231	ug/l	
77) Bromobenzene	11.195	156	79417	54.965	ug/l	93
78) n-propylbenzene	11.305	91	441265	54.813	ug/l	97
79) 2-Chlorotoluene	11.360	91	260386	53.473	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	312494	56.142	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	40634	52.318	ug/l	95
82) 4-Chlorotoluene	11.451	91	303104	52.996	ug/l	98
83) tert-Butylbenzene	11.713	119	297713	56.201	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	321537	56.330	ug/l	99
85) sec-Butylbenzene	11.890	105	376869	55.909	ug/l	98
86) p-Isopropyltoluene	12.006	119	314507	55.595	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	152820	53.837	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	150276	50.845	ug/l	98
89) n-Butylbenzene	12.329	91	303665	54.605	ug/l	96
90) Hexachloroethane	12.536	117	55862	54.665	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	146551	53.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33492	52.314	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	90345	50.800	ug/l	98
94) Hexachlorobutadiene	13.725	225	38642	57.656	ug/l	99
95) Naphthalene	13.774	128	346186	55.895	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	90409	52.660	ug/l	98

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

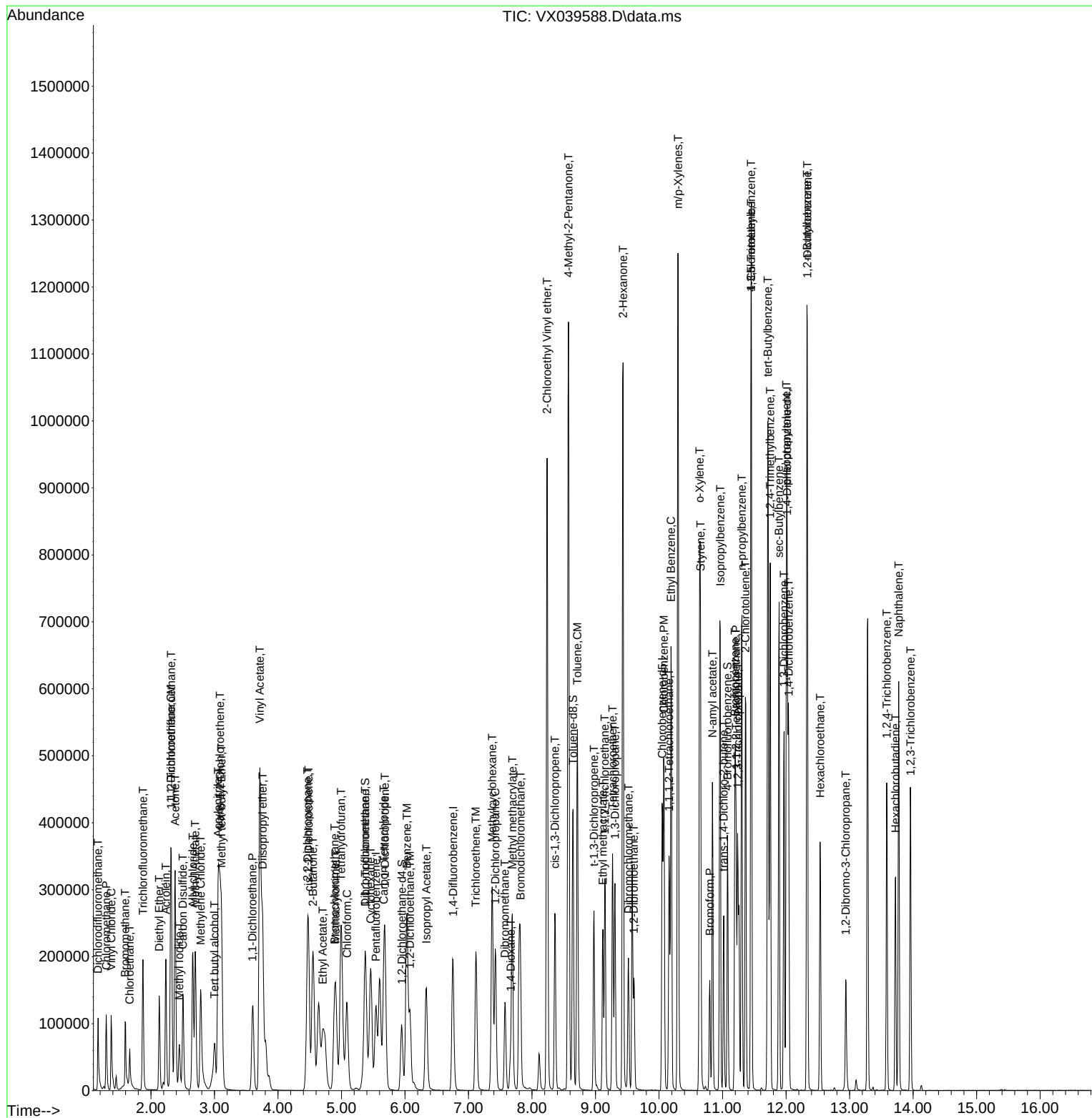
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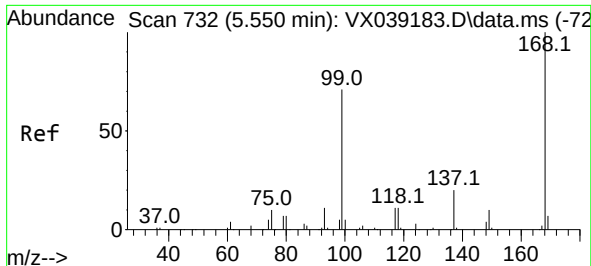
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Manual Integrations APPROVED

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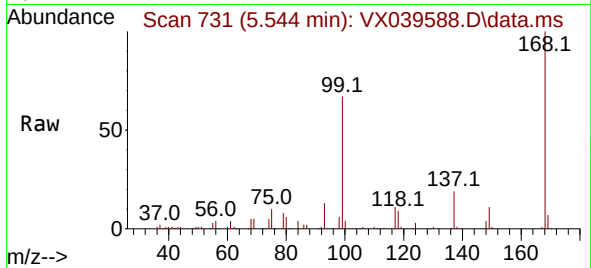
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

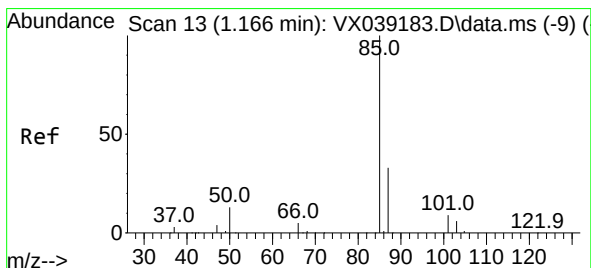
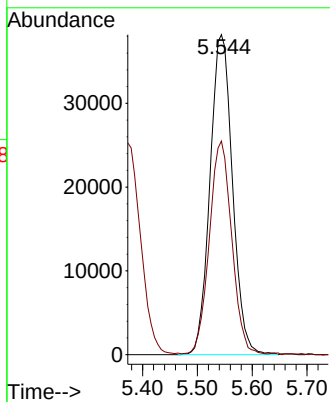
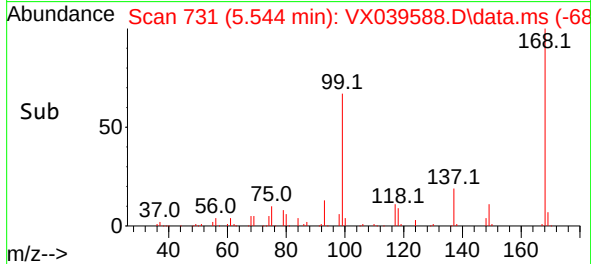
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 108600
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0

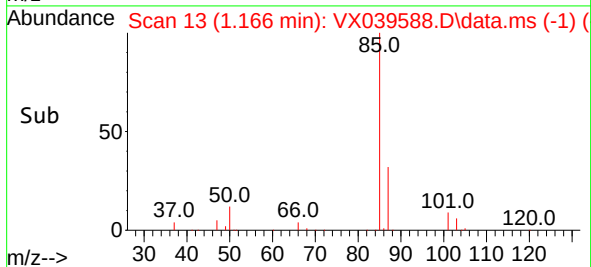
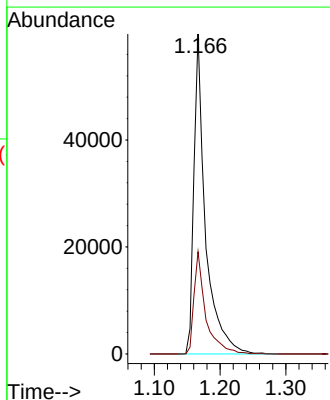
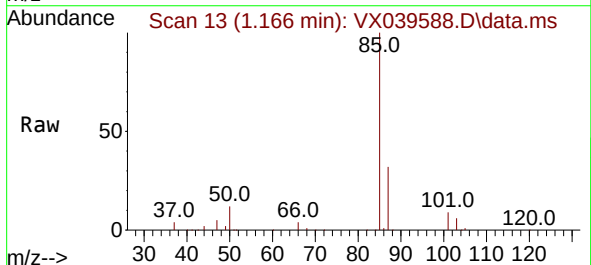
Manual Integrations
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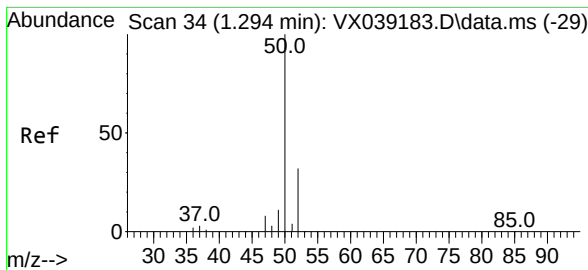
Reviewed By :John Carlone 01/04/2024
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#2
Dichlorodifluoromethane
Concen: 48.045 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

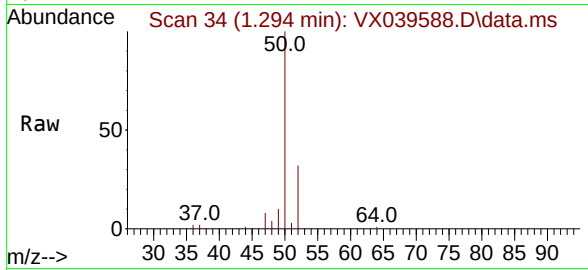
Tgt Ion: 85 Resp: 73322
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 49.639 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

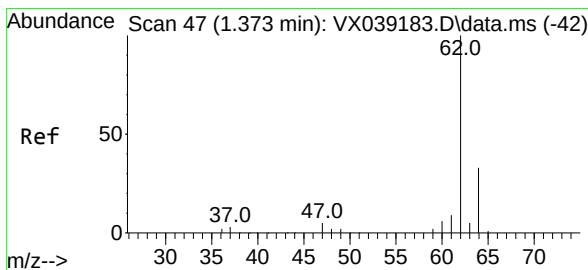
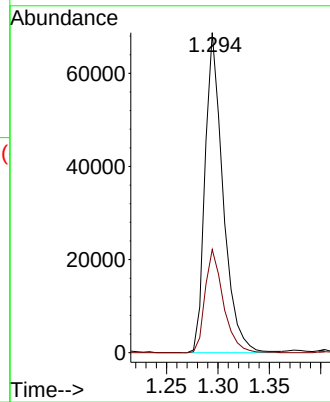
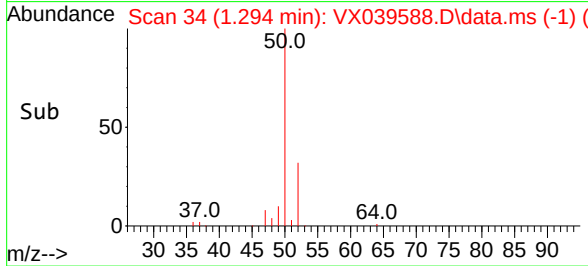
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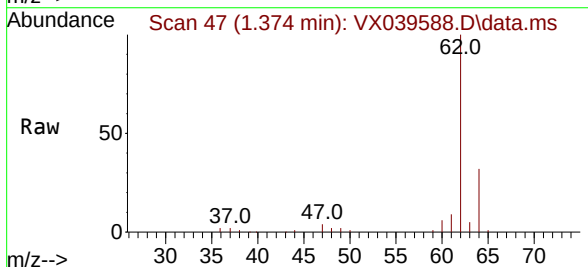
Tgt Ion: 50 Resp: 83984
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

Manual Integrations
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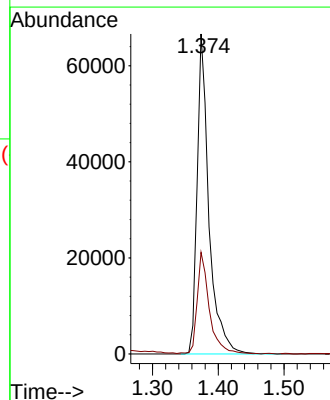
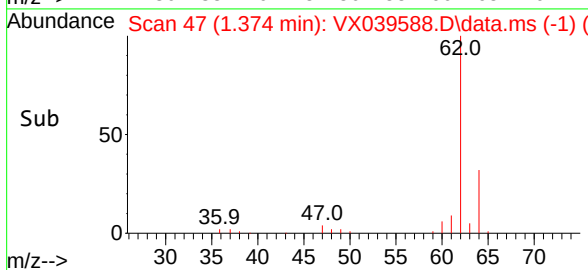
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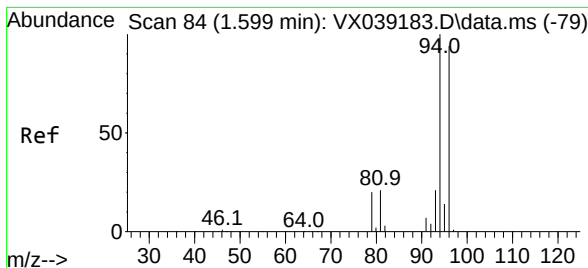


#4
Vinyl Chloride
Concen: 52.654 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



Tgt Ion: 62 Resp: 82850
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





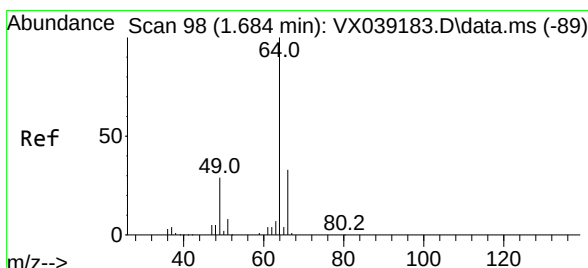
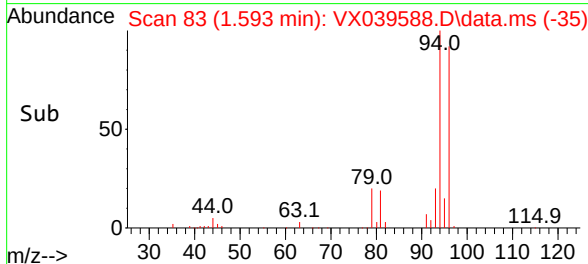
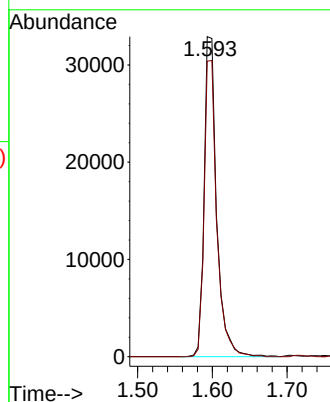
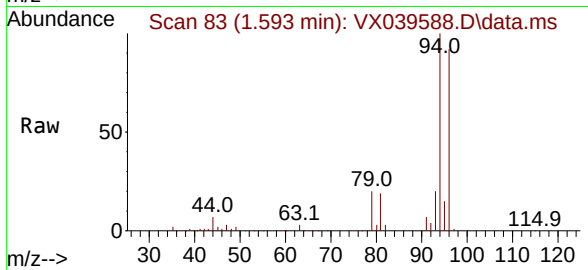
#5
Bromomethane
Concen: 42.426 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
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Tgt Ion: 94 Resp: 3840
Ion Ratio Lower Upper
94 100
96 92.4 74.6 111.8

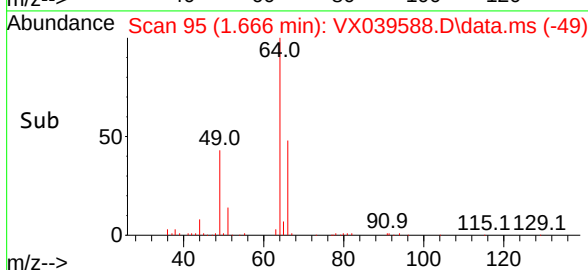
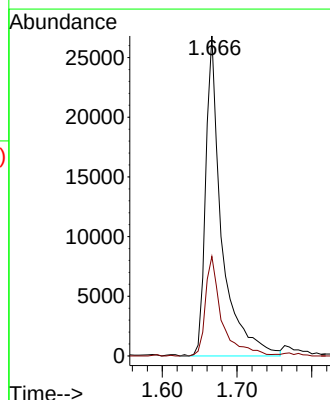
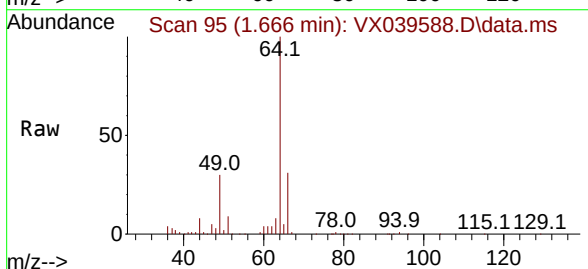
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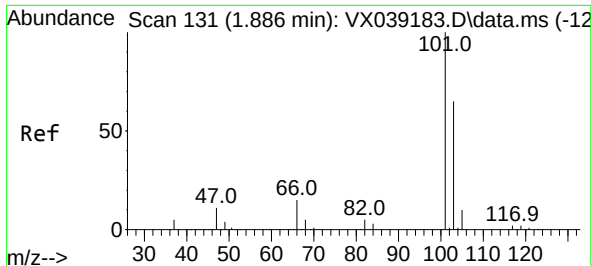
Reviewed By :John Carlone 01/04/2024
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#6
Chloroethane
Concen: 42.155 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

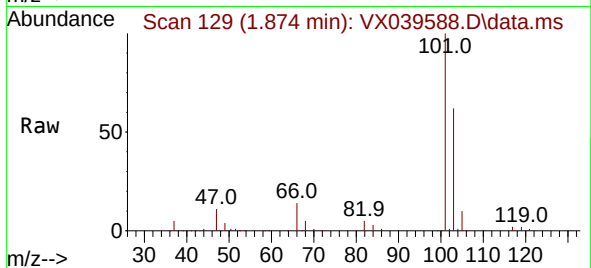
Tgt Ion: 64 Resp: 39972
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 51.721 ug/l
 RT: 1.874 min Scan# 119168
 Delta R.T. -0.012 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

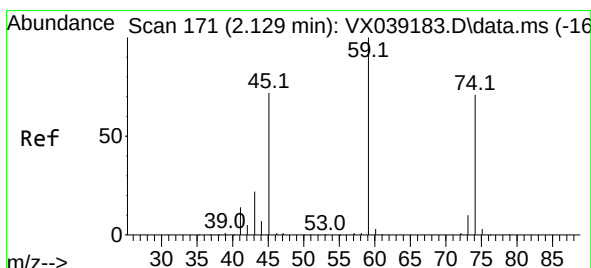
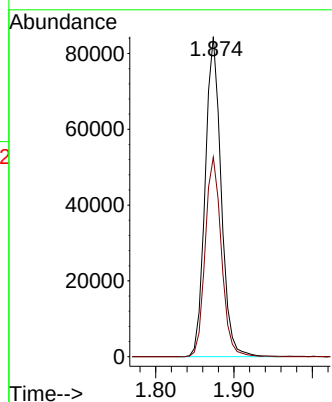
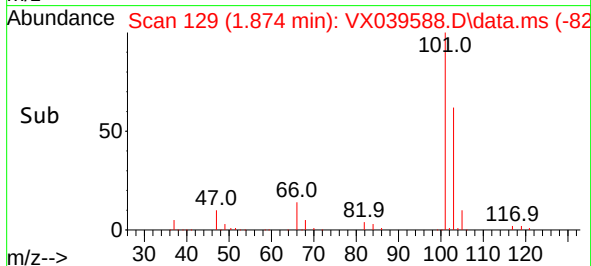
Instrument :
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Tgt Ion:101 Resp: 119168
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.4 77.2

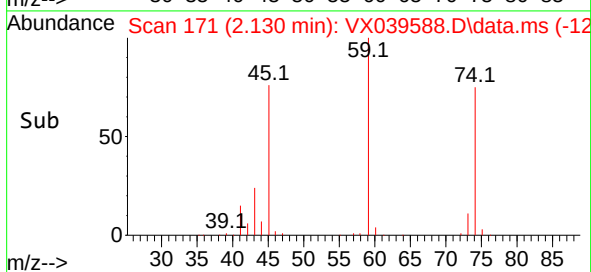
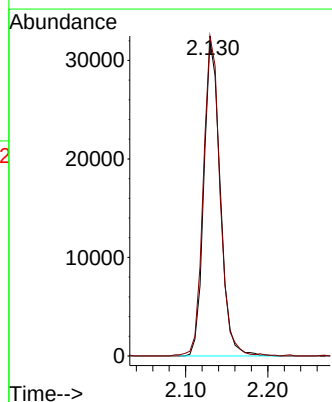
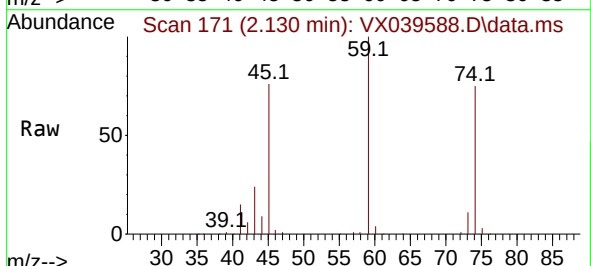
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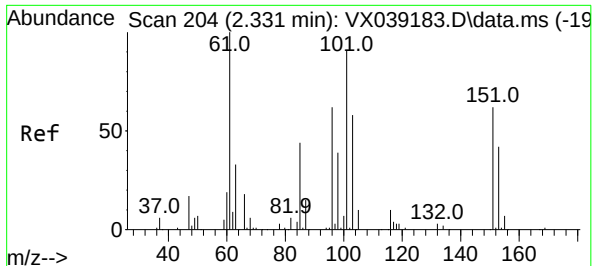
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#8
 Diethyl Ether
 Concen: 55.518 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039588.D
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Tgt Ion: 74 Resp: 44272
 Ion Ratio Lower Upper
 74 100
 45 103.9 53.3 159.8





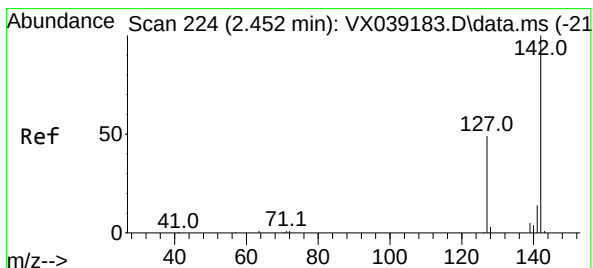
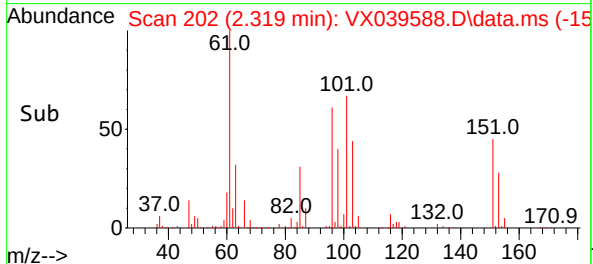
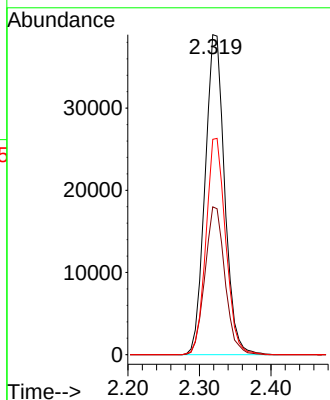
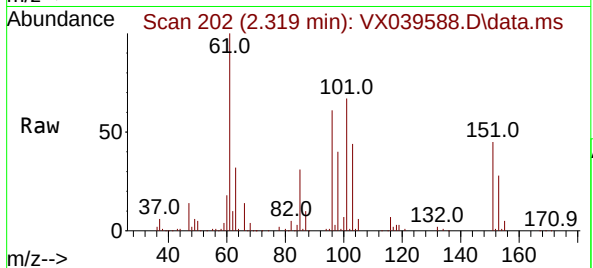
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.688 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7408
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 68.2 58.6 87.8

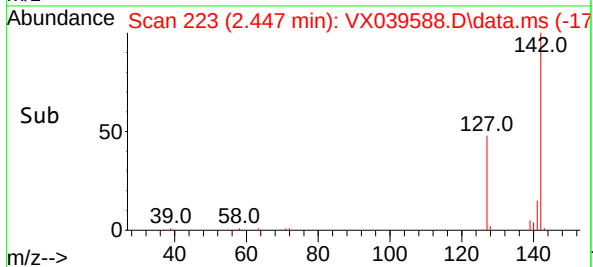
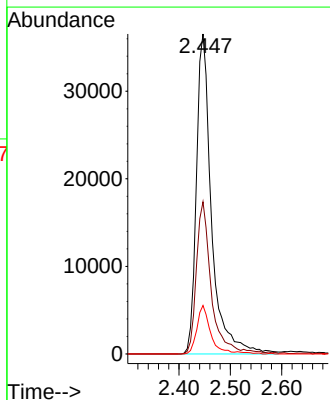
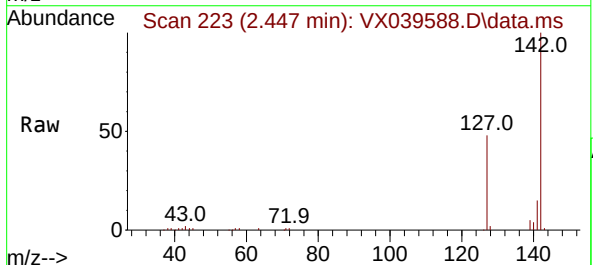
Manual Integrations
APPROVED

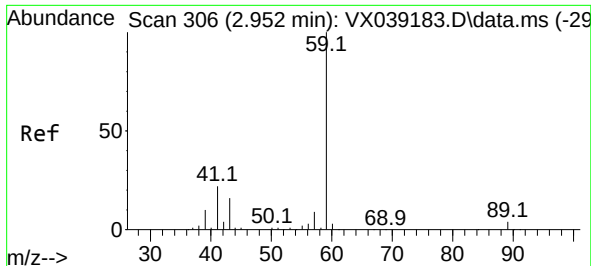
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#10
Methyl Iodide
Concen: 51.545 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion:142 Resp: 74910
Ion Ratio Lower Upper
142 100
127 47.5 41.6 62.4
141 13.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 225.933 ug/l

RT: 3.001 min Scan# 314

Delta R.T. 0.049 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 112880

Ion Ratio Lower Upper

59 100

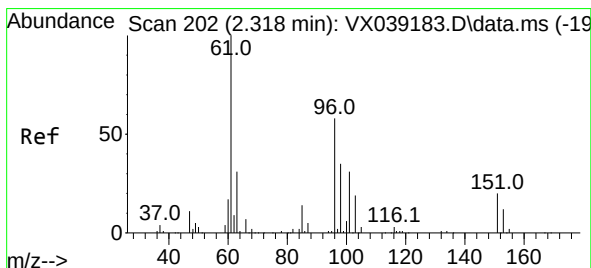
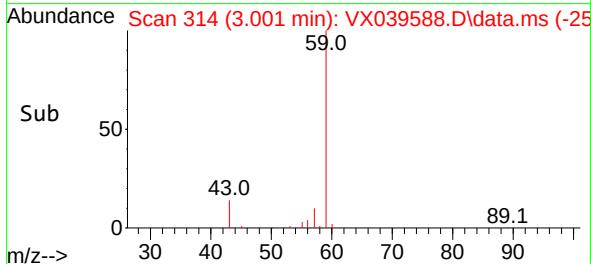
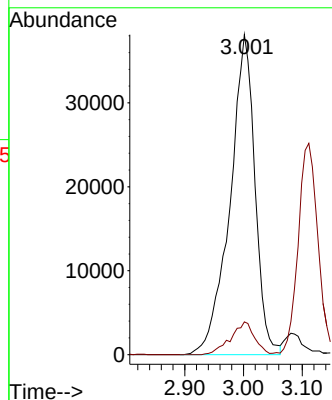
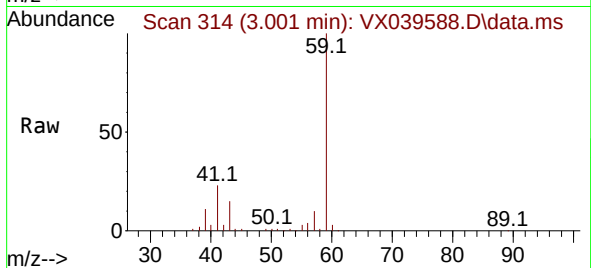
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#12

1,1-Dichloroethene

Concen: 49.702 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

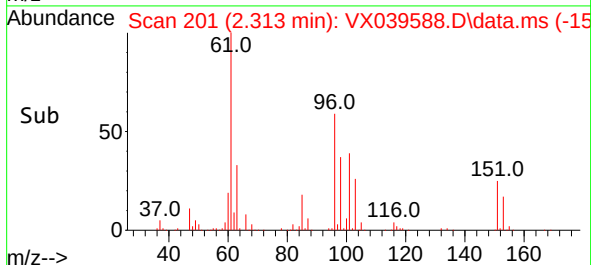
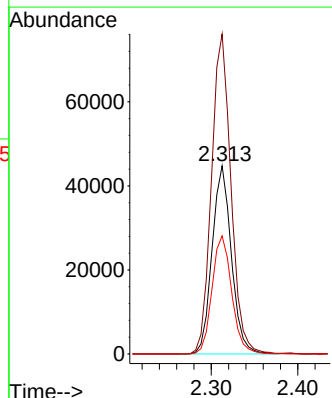
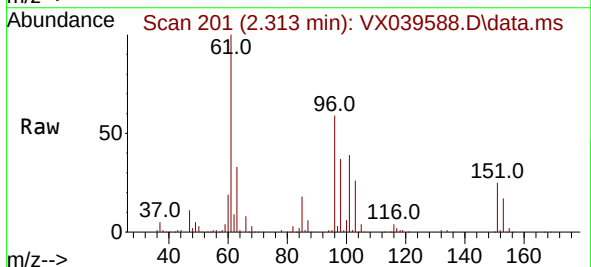
Tgt Ion: 96 Resp: 69416

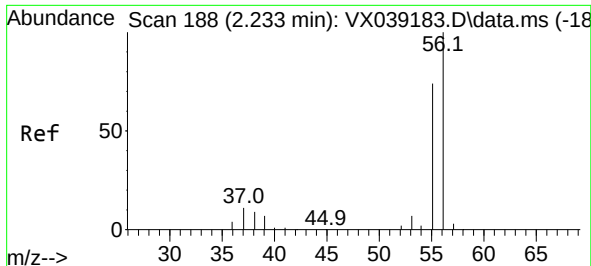
Ion Ratio Lower Upper

96 100

61 170.1 144.6 216.8

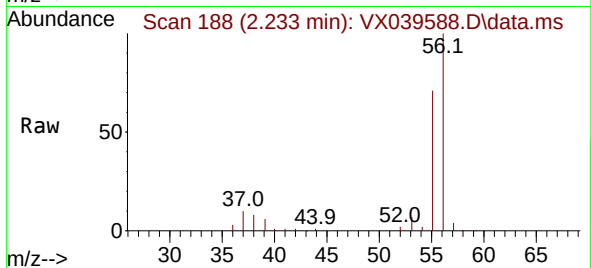
98 62.8 50.4 75.6





#13
Acrolein
Concen: 337.591 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

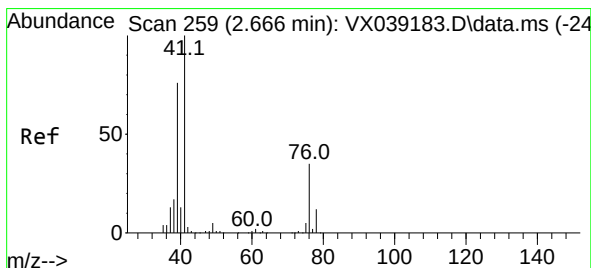
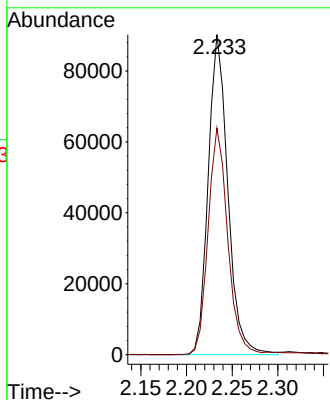
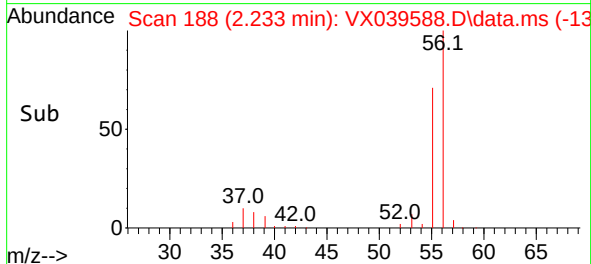
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 134550
Ion Ratio Lower Upper
56 100
55 72.1 57.1 85.7

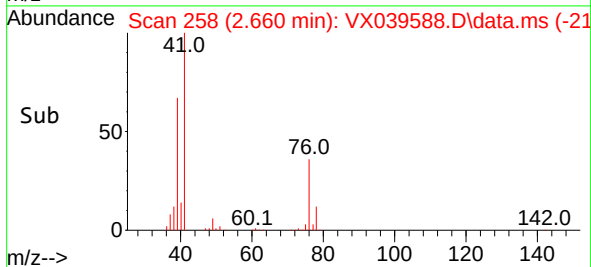
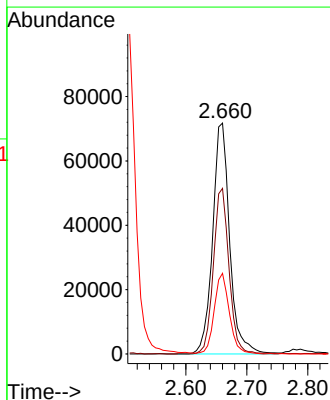
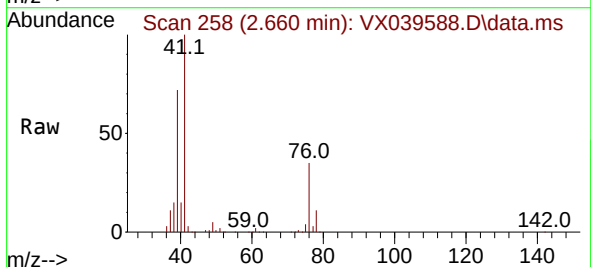
Manual Integrations
APPROVED

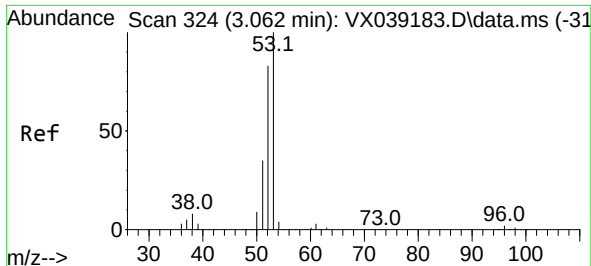
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#14
Allyl chloride
Concen: 49.359 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

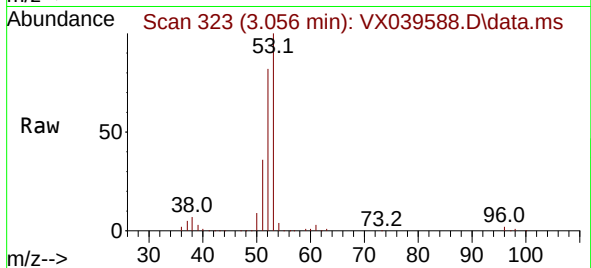
Tgt Ion: 41 Resp: 139649
Ion Ratio Lower Upper
41 100
39 65.7 55.8 83.6
76 30.9 24.3 36.5





#15
Acrylonitrile
Concen: 255.268 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

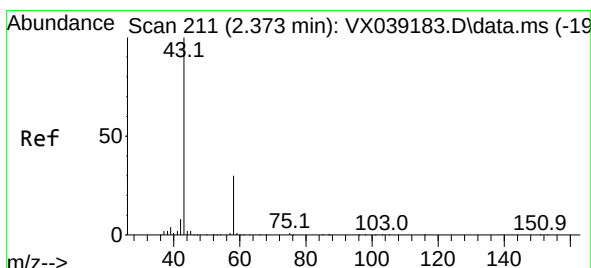
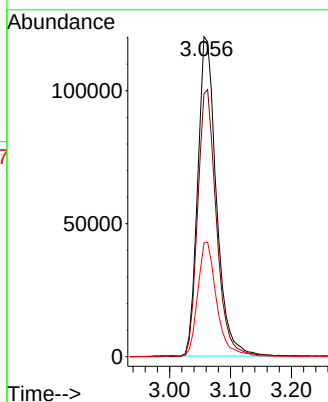
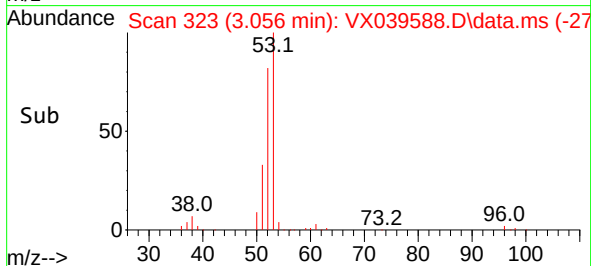
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 255280
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 36.2 29.8 44.6

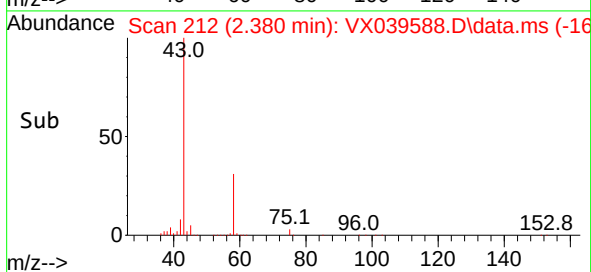
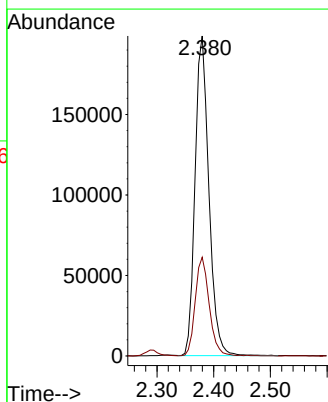
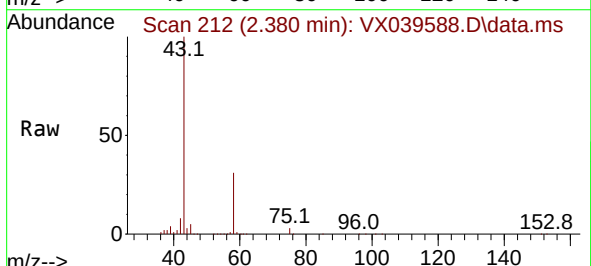
Manual Integrations
APPROVED

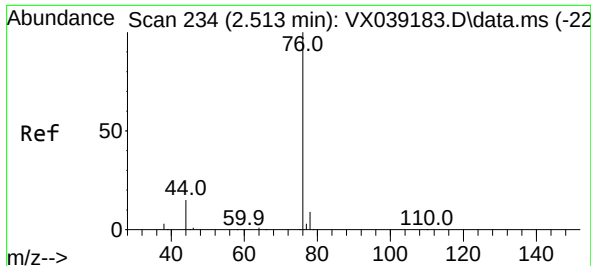
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#16
Acetone
Concen: 295.446 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion: 43 Resp: 335449
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





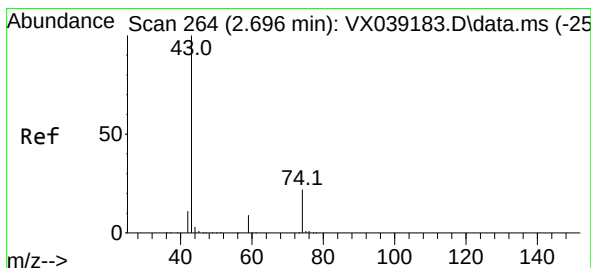
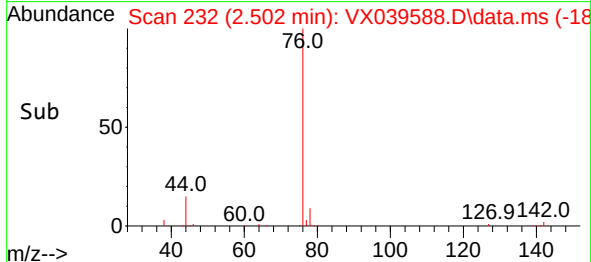
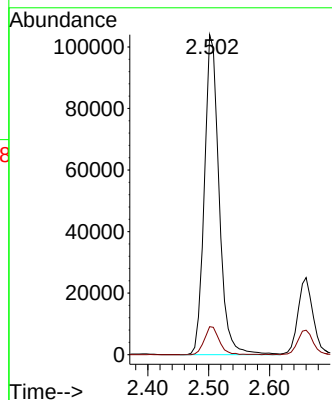
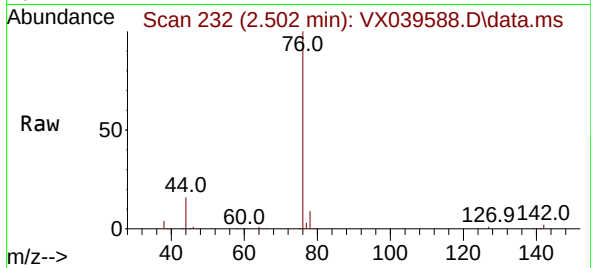
#17
Carbon Disulfide
Concen: 42.619 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 174185
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

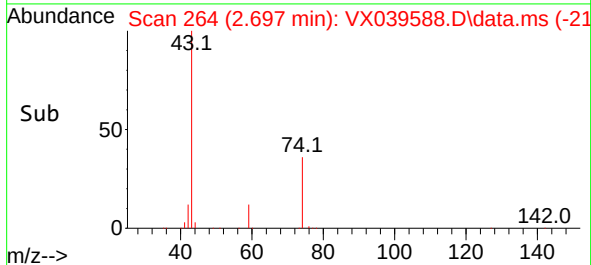
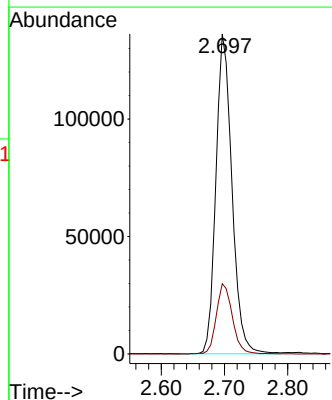
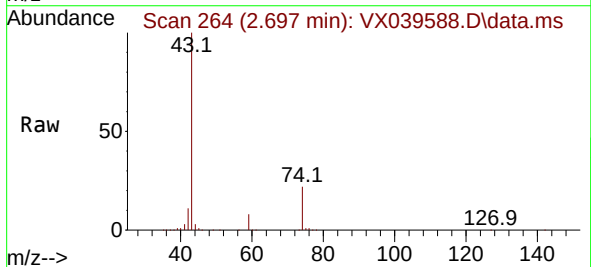
Manual Integrations
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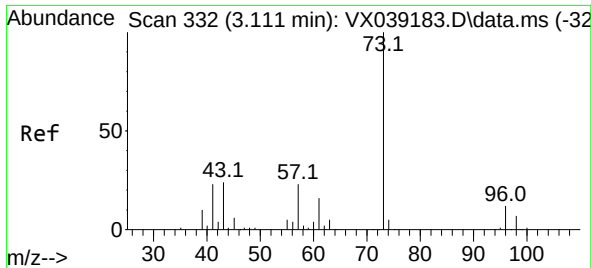
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#18
Methyl Acetate
Concen: 55.537 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion: 43 Resp: 238997
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





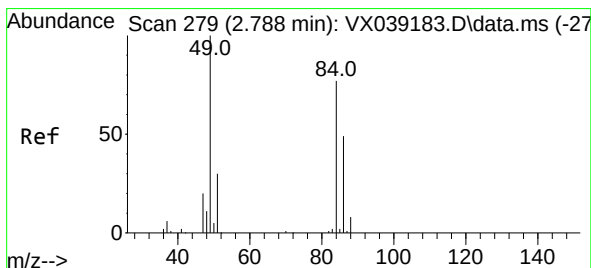
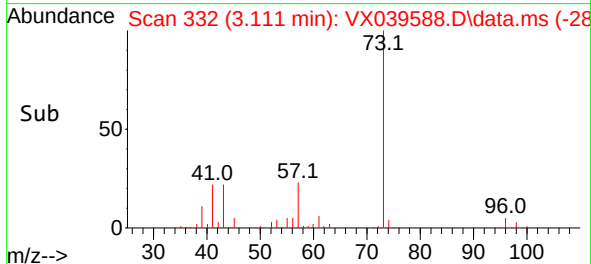
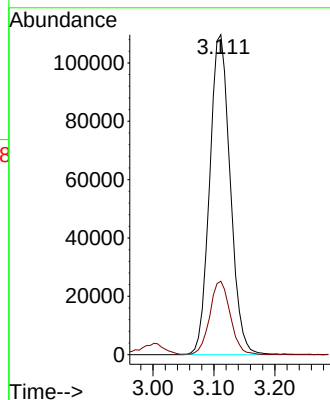
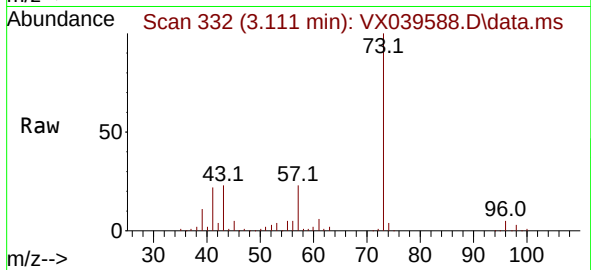
#19
Methyl tert-butyl Ether
Concen: 50.903 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 25711
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9

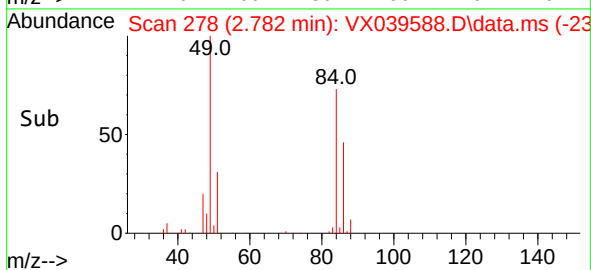
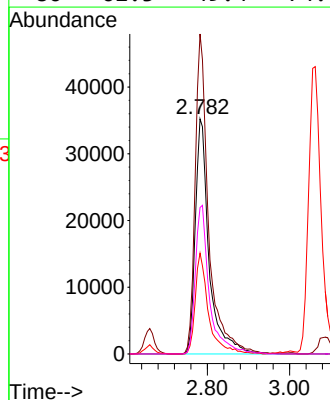
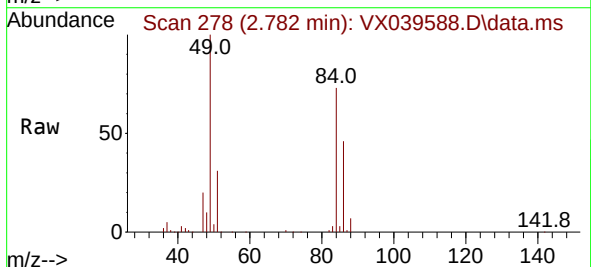
Manual Integrations
APPROVED

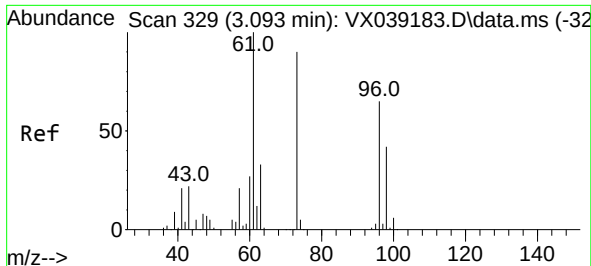
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#20
Methylene Chloride
Concen: 49.486 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

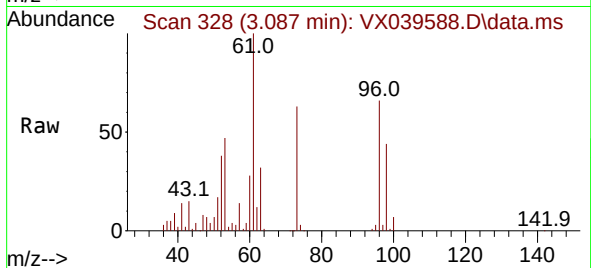
Tgt Ion: 84 Resp: 82076
Ion Ratio Lower Upper
84 100
49 136.2 103.6 155.4
51 42.9 33.8 50.6
86 62.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.763 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

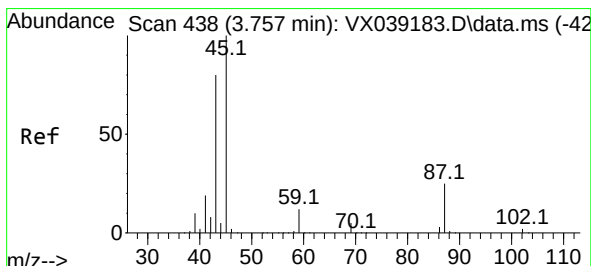
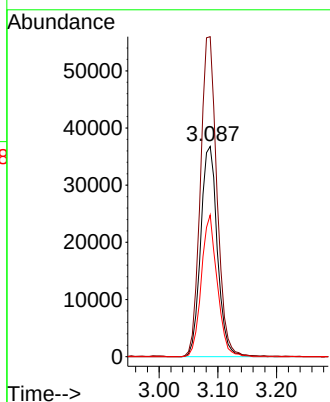
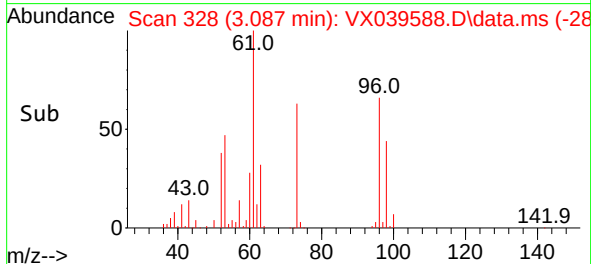
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 7258
Ion Ratio Lower Upper
96 100
61 152.2 119.2 178.8
98 67.4 48.7 73.1

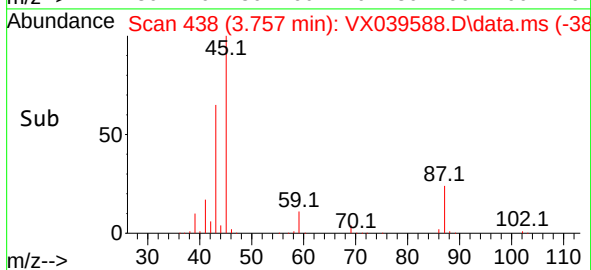
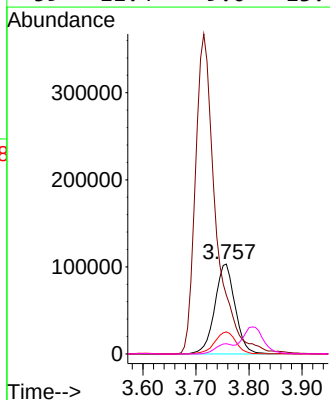
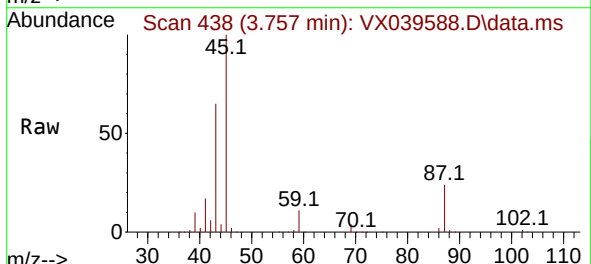
Manual Integrations
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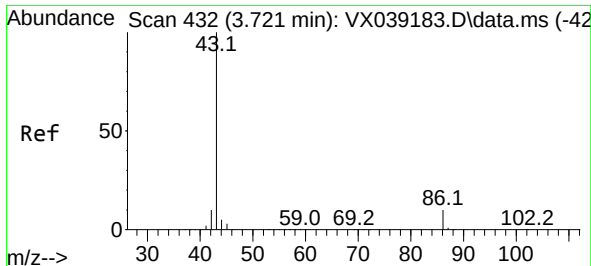
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#22
Diisopropyl ether
Concen: 53.524 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion: 45 Resp: 275653
Ion Ratio Lower Upper
45 100
43 65.1 69.7 104.5#
87 24.5 20.8 31.2
59 11.4 9.0 13.4





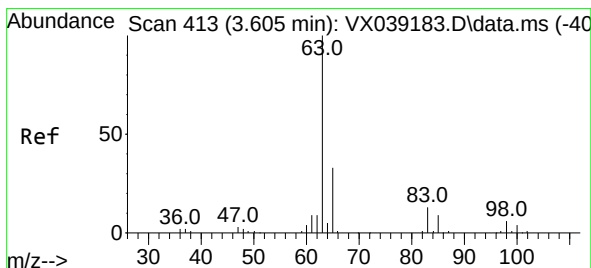
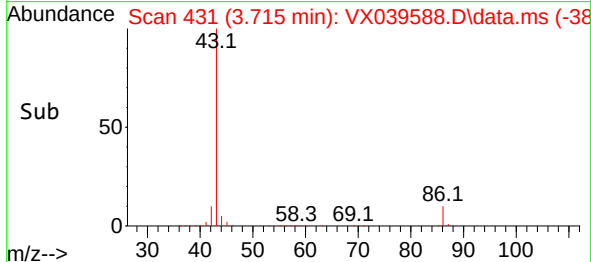
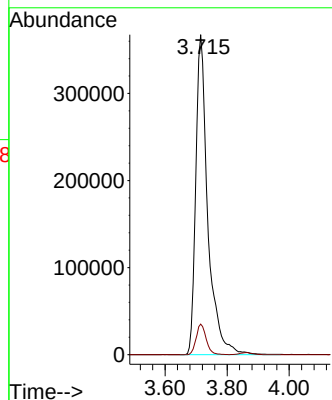
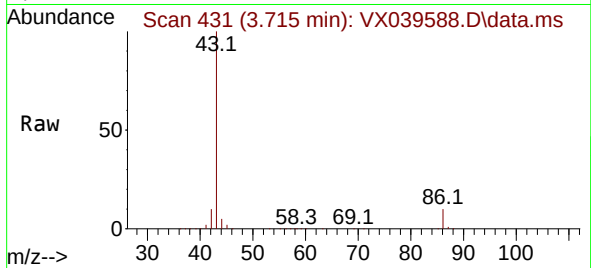
#23
 Vinyl Acetate
 Concen: 258.068 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 98946
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

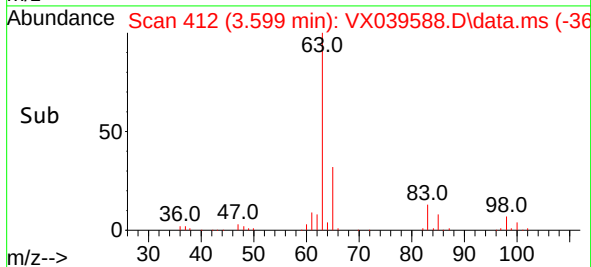
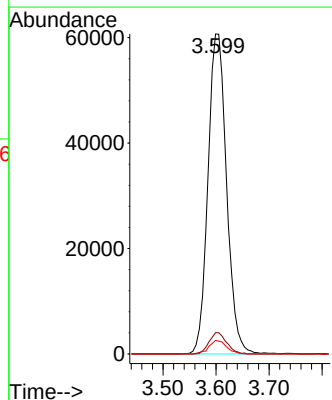
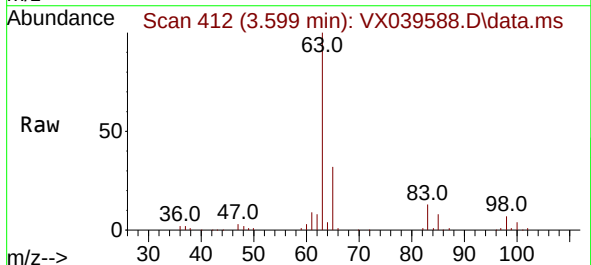
Manual Integrations
 APPROVED

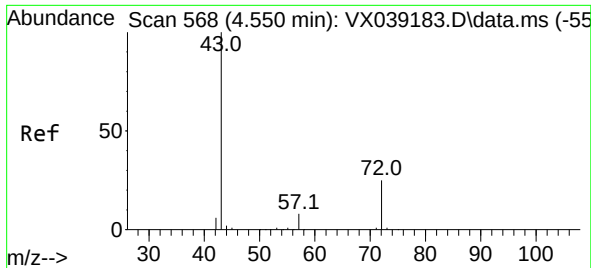
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#24
 1,1-Dichloroethane
 Concen: 50.853 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

Tgt Ion: 63 Resp: 148048
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.3 2.1 6.5





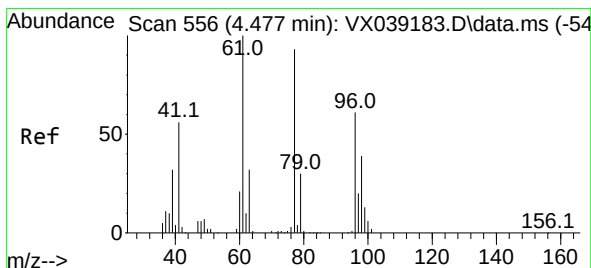
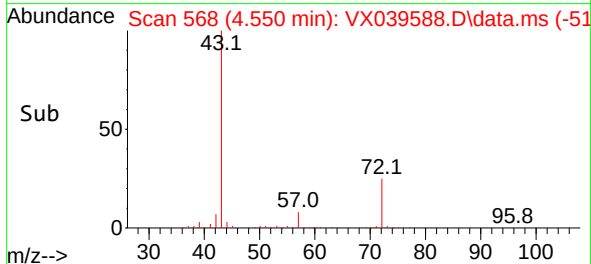
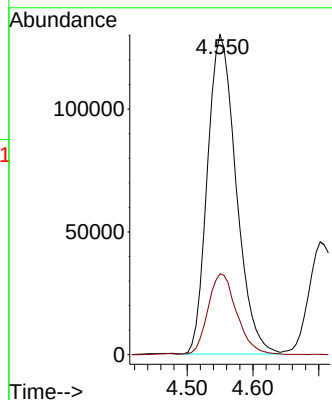
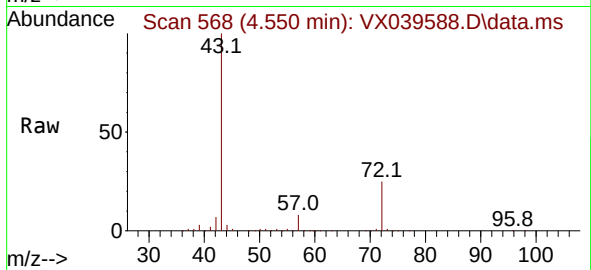
#25
2-Butanone
Concen: 230.219 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 395254
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2

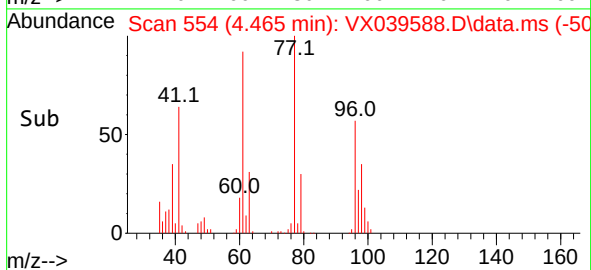
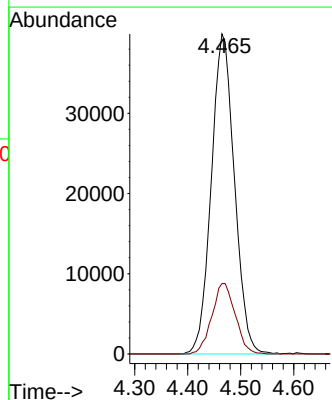
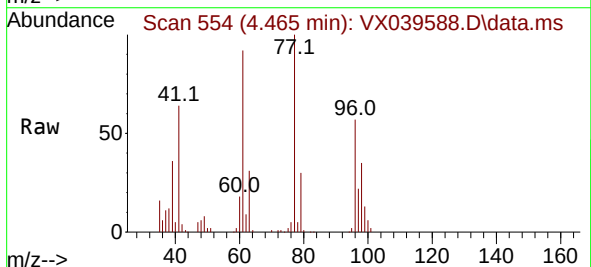
Manual Integrations
APPROVED

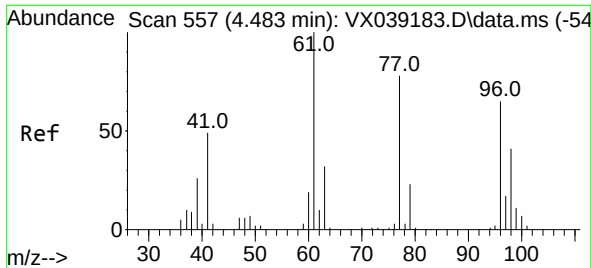
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#26
2,2-Dichloropropane
Concen: 47.565 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion: 77 Resp: 120893
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





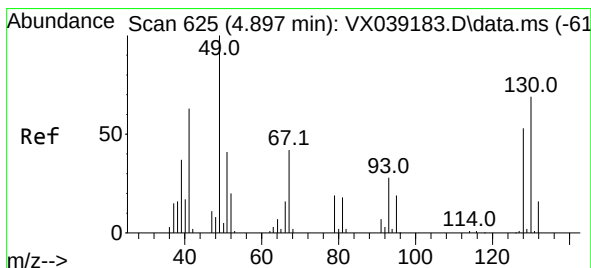
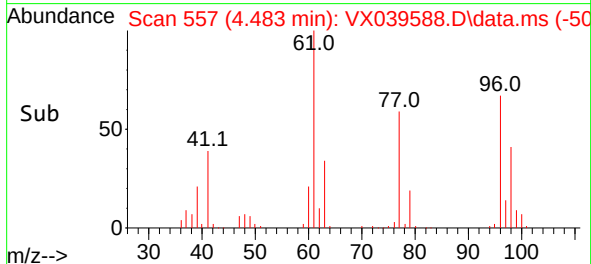
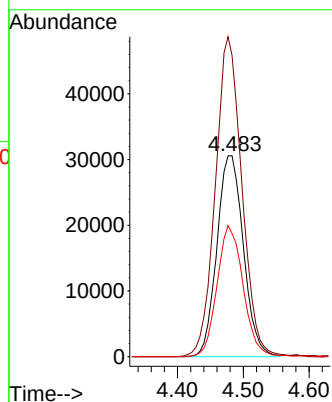
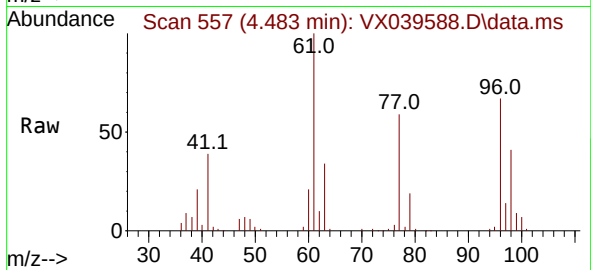
#27
 cis-1,2-Dichloroethene
 Concen: 51.146 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 85792
 Ion Ratio Lower Upper
 96 100
 61 158.8 0.0 312.2
 98 64.0 0.0 129.0

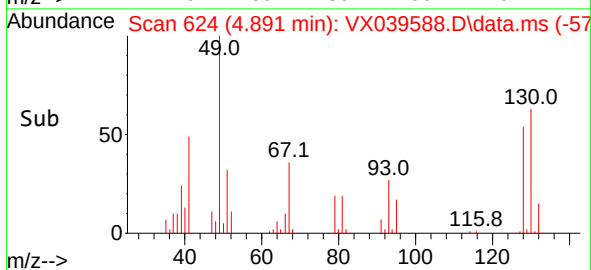
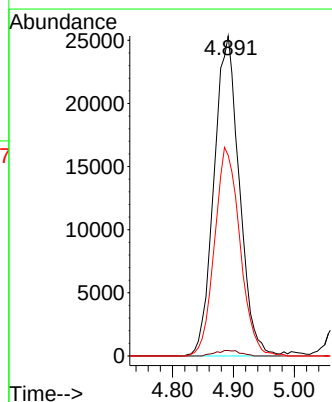
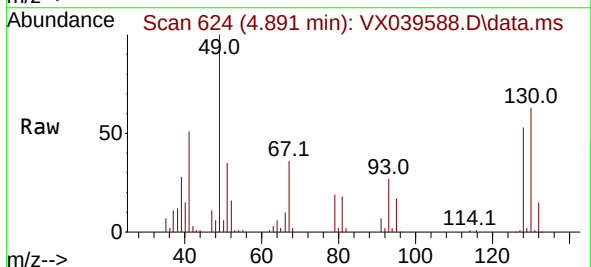
Manual Integrations
 APPROVED

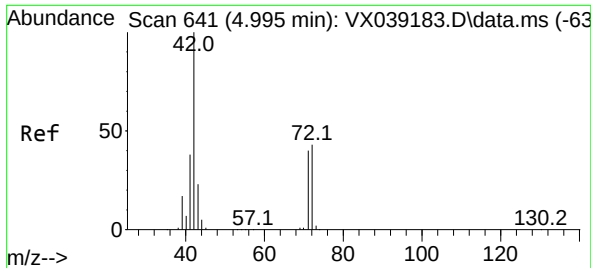
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#28
 Bromochloromethane
 Concen: 51.511 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

Tgt Ion: 49 Resp: 73172
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 65.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 255.941 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 24266

Ion Ratio Lower Upper

42 100

72 42.7 34.2 51.4

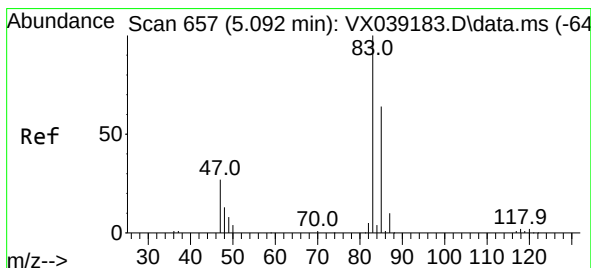
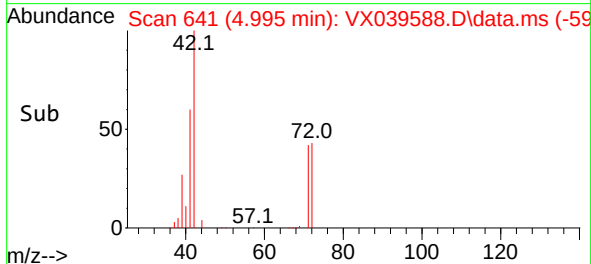
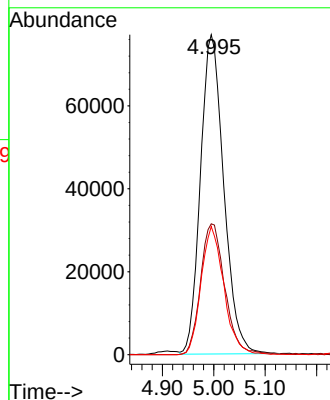
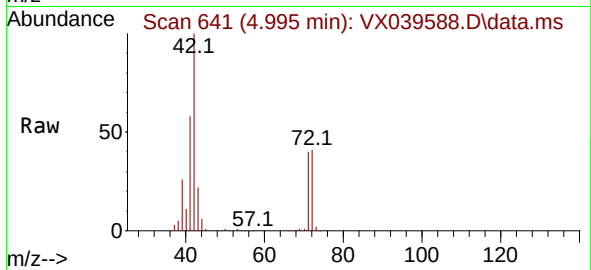
71 39.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#30

Chloroform

Concen: 50.485 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039588.D

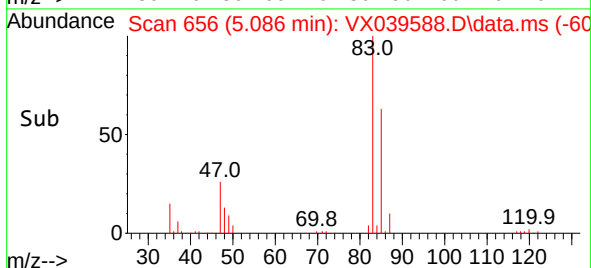
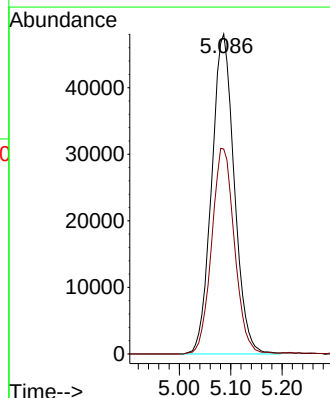
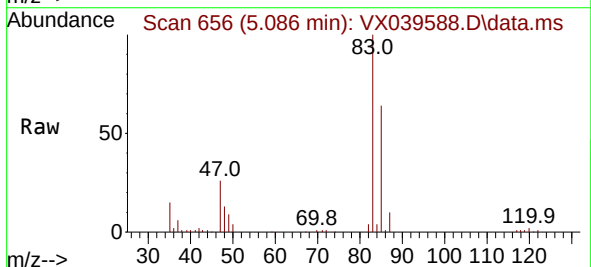
Acq: 03 Jan 2024 09:42

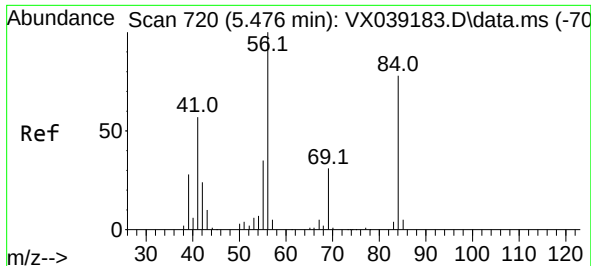
Tgt Ion: 83 Resp: 146876

Ion Ratio Lower Upper

83 100

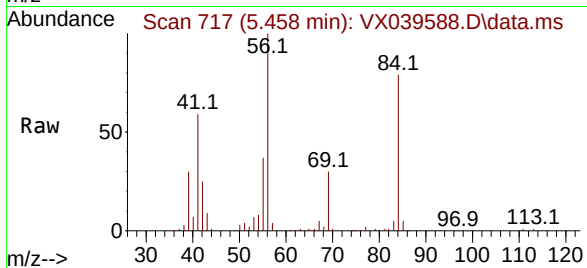
85 64.0 50.3 75.5





#31
Cyclohexane
Concen: 49.803 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.018 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

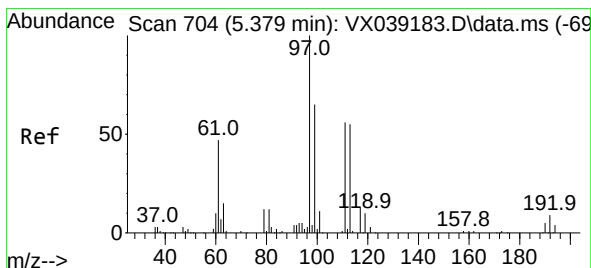
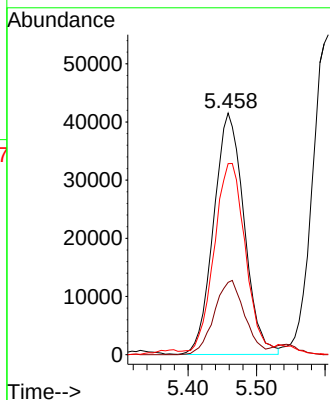
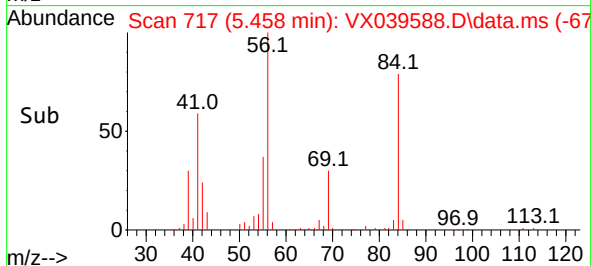
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12798
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 77.8 65.9 98.9

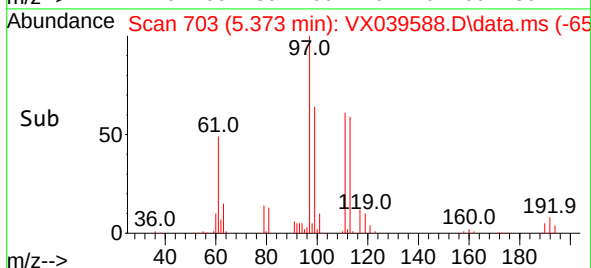
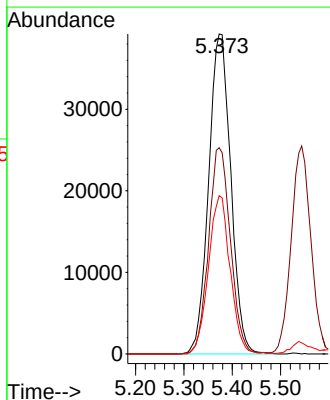
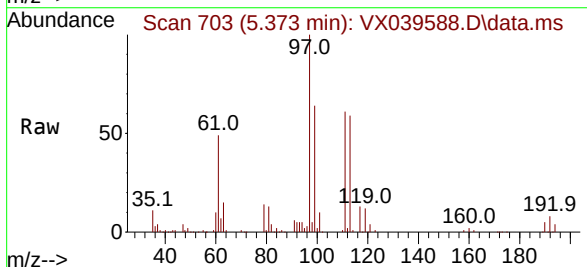
Manual Integrations
APPROVED

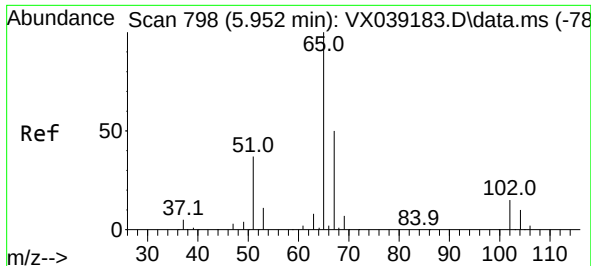
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#32
1,1,1-Trichloroethane
Concen: 49.438 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion: 97 Resp: 124861
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 48.4 36.4 54.6





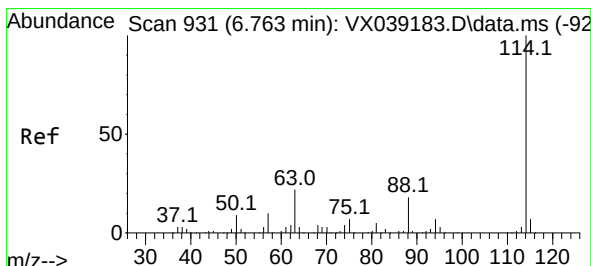
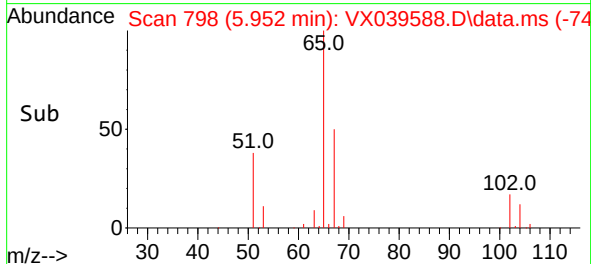
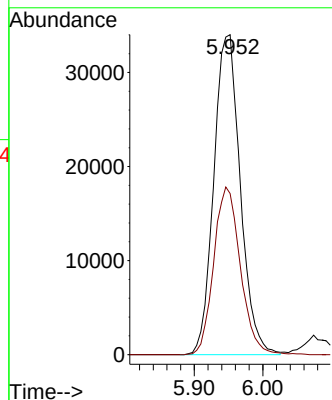
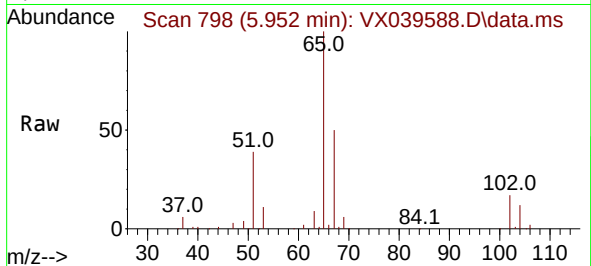
#33
 1,2-Dichloroethane-d4
 Concen: 45.912 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 91340
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.2

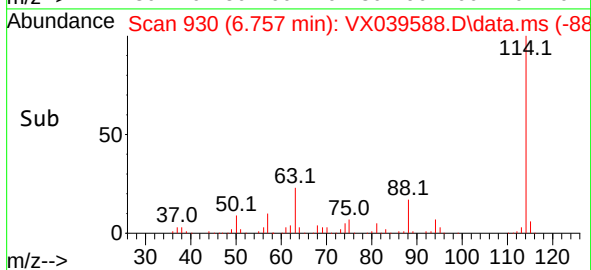
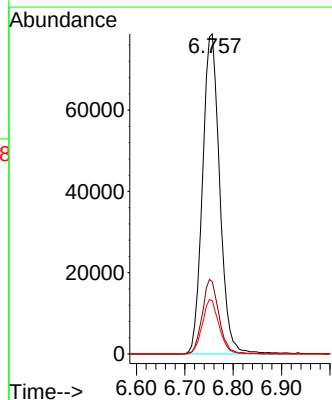
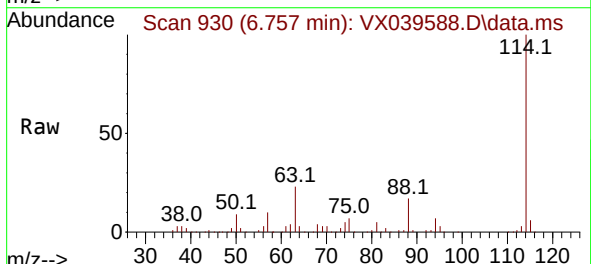
Manual Integrations
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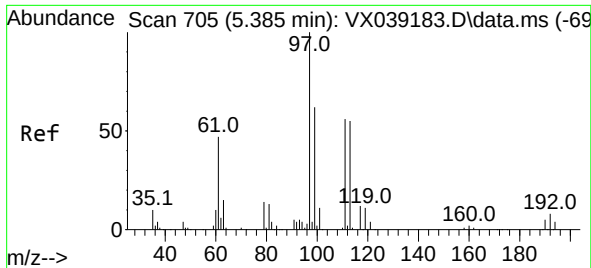
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

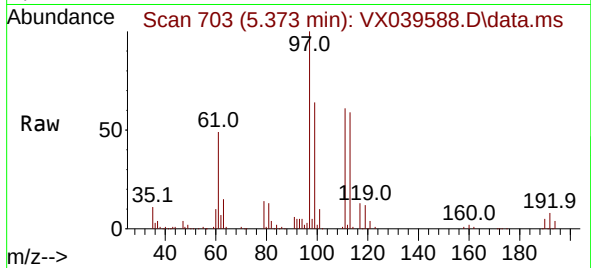
Tgt Ion:114 Resp: 194401
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.090 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

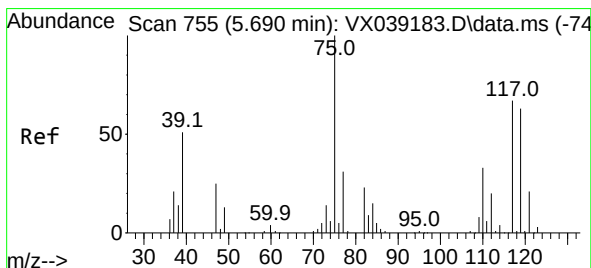
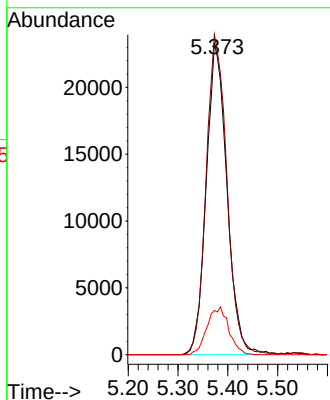
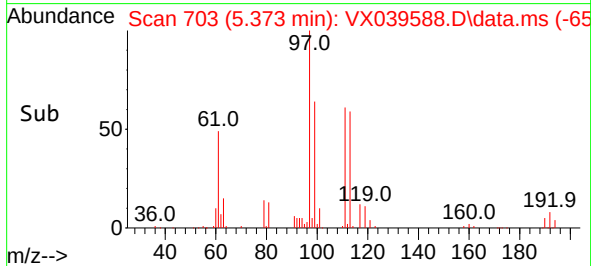
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 6727
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.0 13.3 19.9

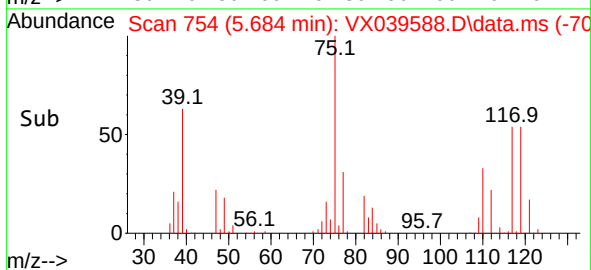
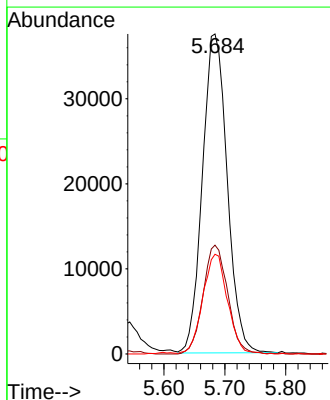
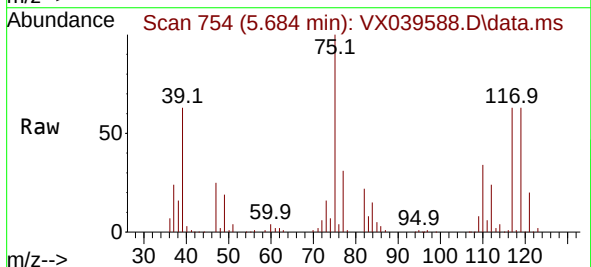
Manual Integrations
APPROVED

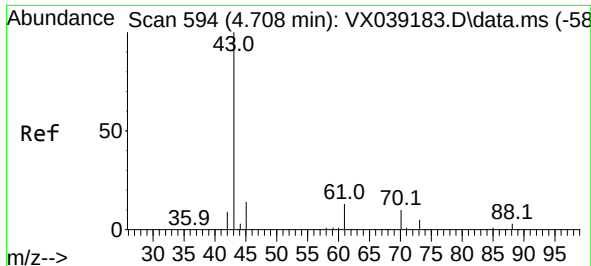
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#36
1,1-Dichloropropene
Concen: 50.103 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion: 75 Resp: 106185
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 31.3 24.7 37.1





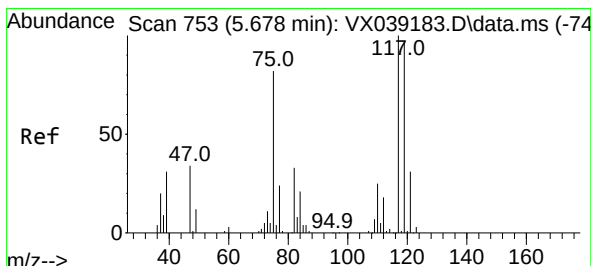
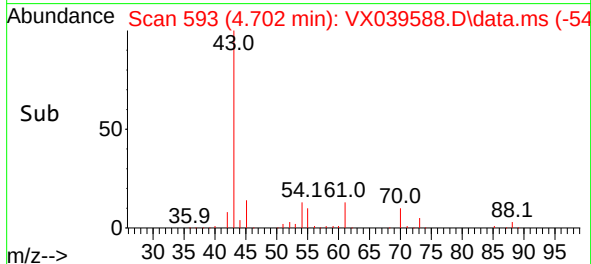
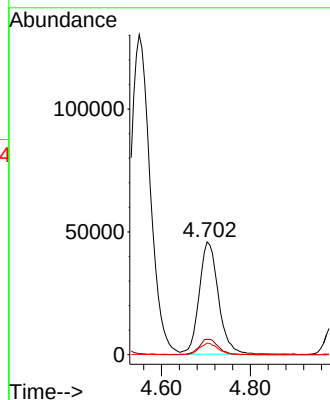
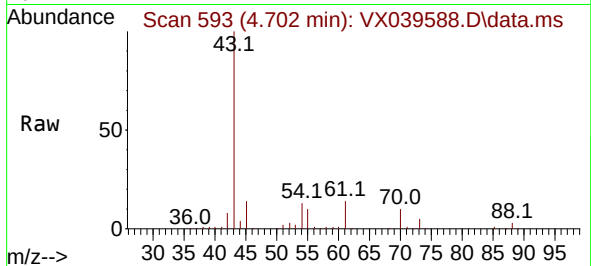
#37
Ethyl Acetate
Concen: 52.721 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 13804
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 9.9 8.3 12.5

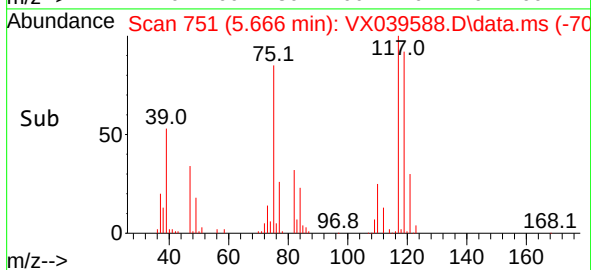
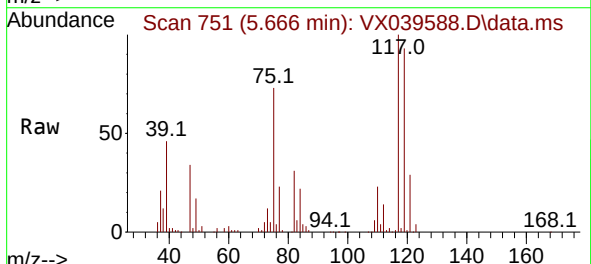
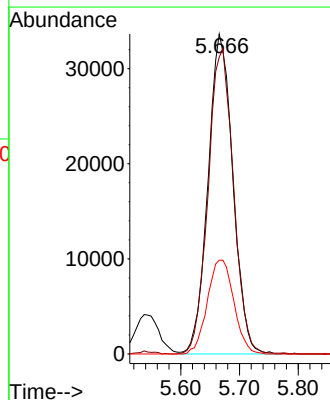
Manual Integrations
APPROVED

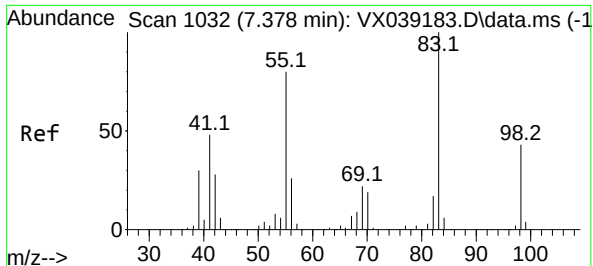
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#38
Carbon Tetrachloride
Concen: 48.969 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion:117 Resp: 99040
Ion Ratio Lower Upper
117 100
119 92.6 78.2 117.2
121 29.3 24.4 36.6





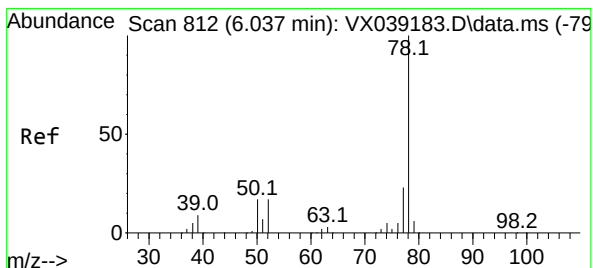
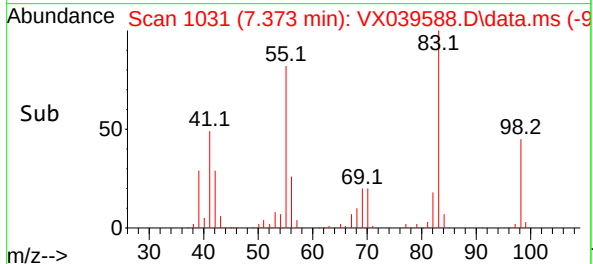
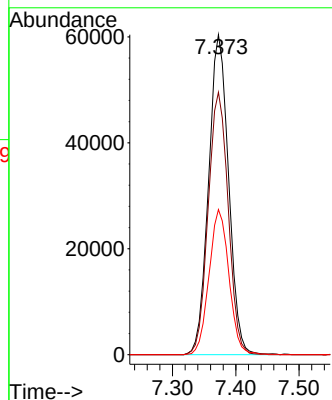
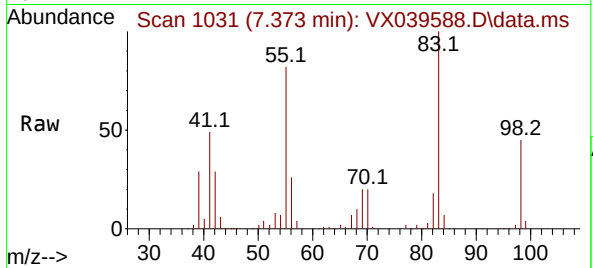
#39
Methylcyclohexane
Concen: 52.117 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 132679
Ion Ratio Lower Upper
83 100
55 82.0 64.6 97.0
98 45.3 36.7 55.1

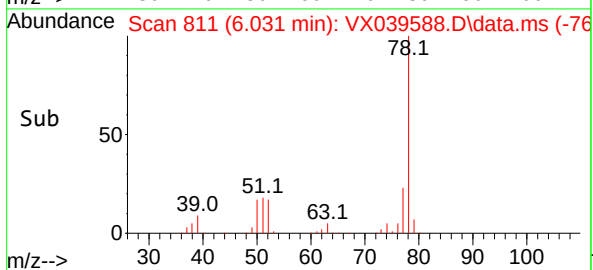
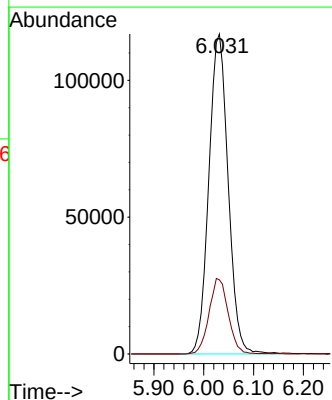
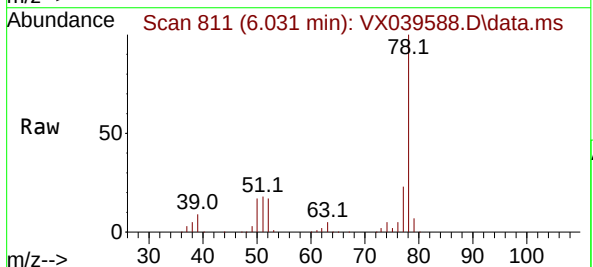
Manual Integrations
APPROVED

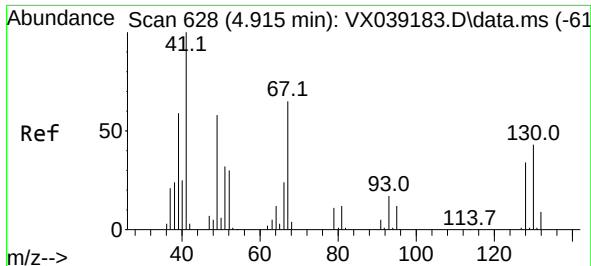
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#40
Benzene
Concen: 52.385 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion: 78 Resp: 314048
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 53.504 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

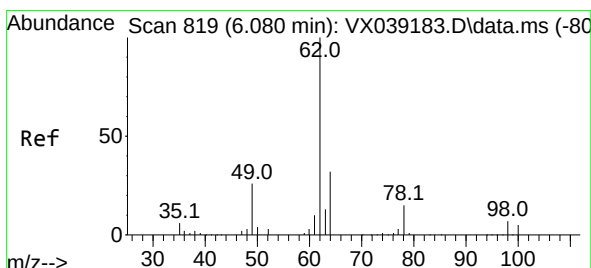
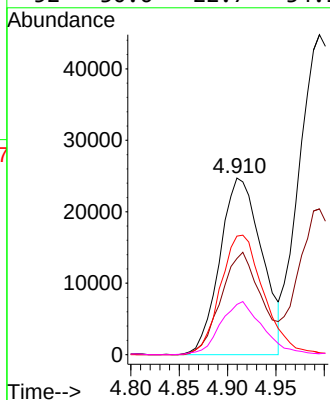
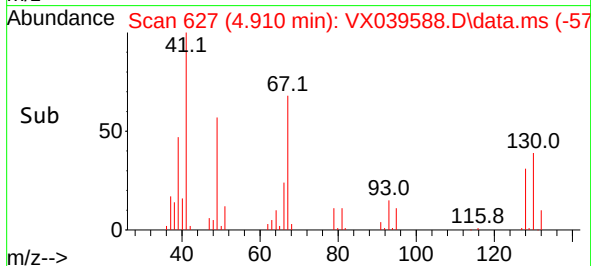
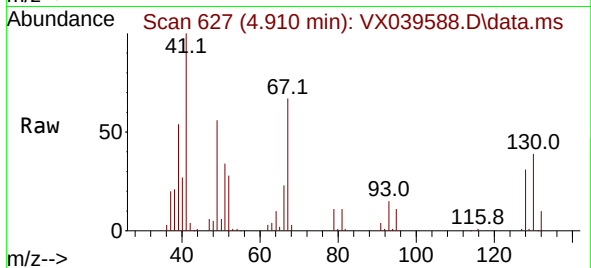
VSTDCCC050

Tgt Ion: 41 Resp: 7474
Ion Ratio Lower Upper
41 100
39 55.9 45.2 67.8
67 69.8 52.6 78.8
52 30.6 22.7 34.1

Manual Integrations

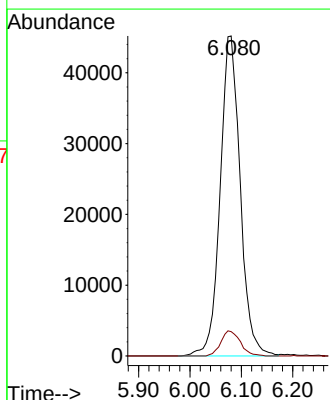
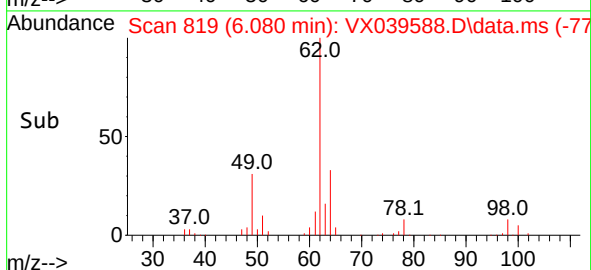
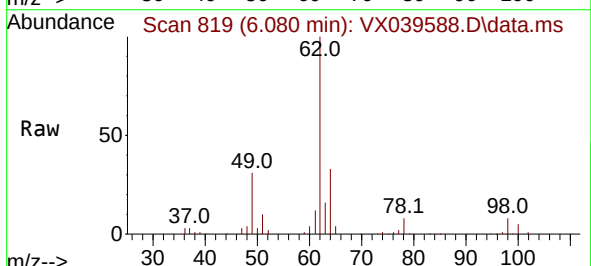
APPROVED

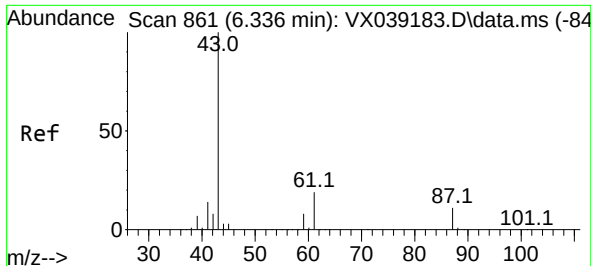
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#42
1,2-Dichloroethane
Concen: 50.438 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

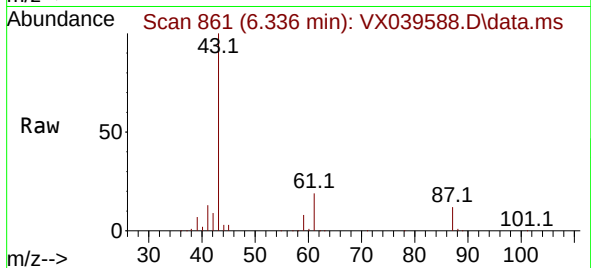
Tgt Ion: 62 Resp: 122401
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.937 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

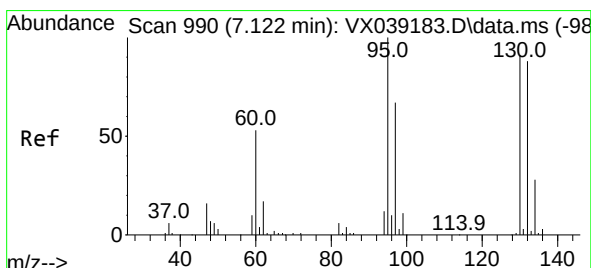
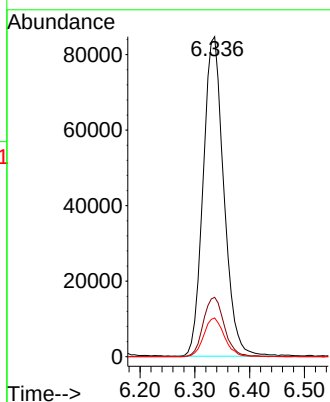
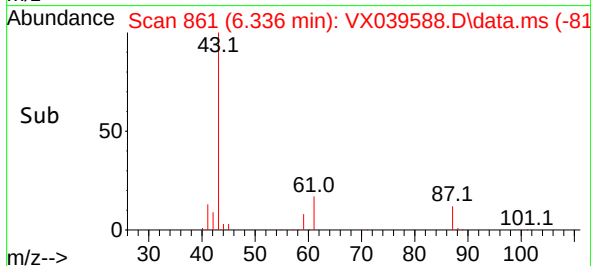
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



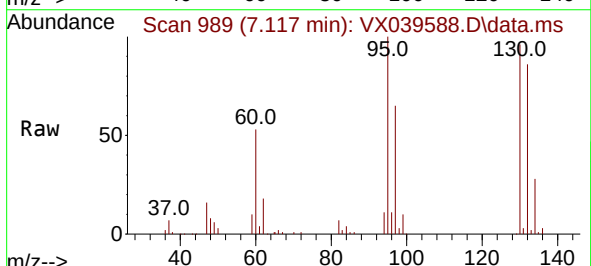
Tgt Ion: 43 Resp: 22113
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.1 9.8 14.6

Manual Integrations
APPROVED

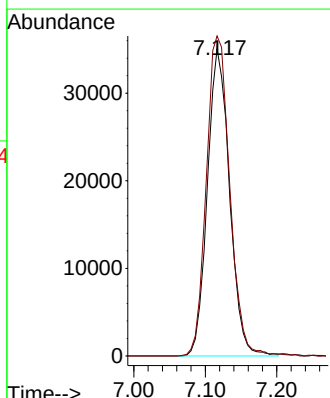
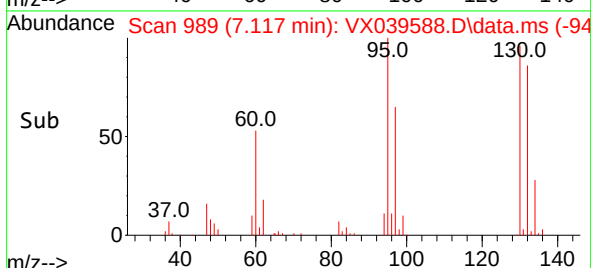
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

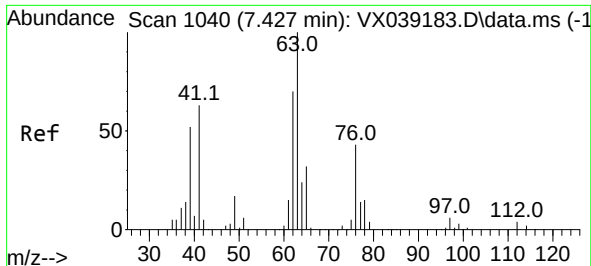


#44
Trichloroethene
Concen: 49.899 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



Tgt Ion:130 Resp: 75489
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.4





#45
1,2-Dichloropropane
Concen: 52.833 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

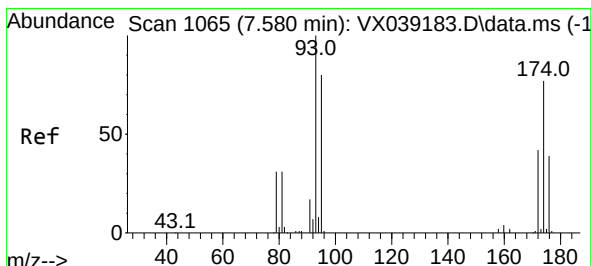
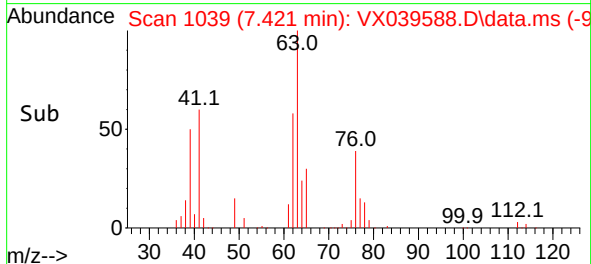
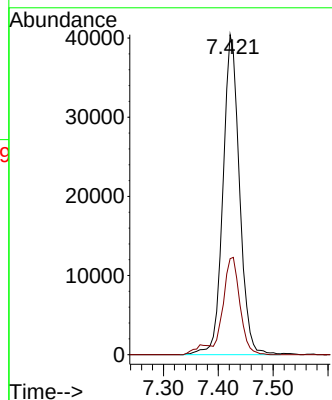
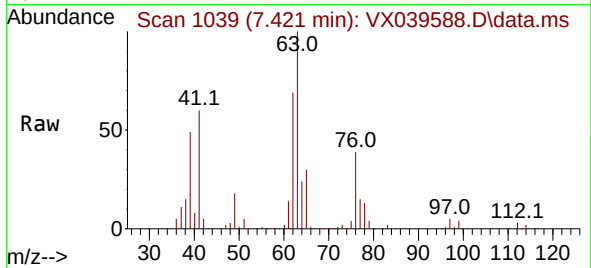
Tgt Ion: 63 Resp: 85000
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5

Manual Integrations

APPROVED

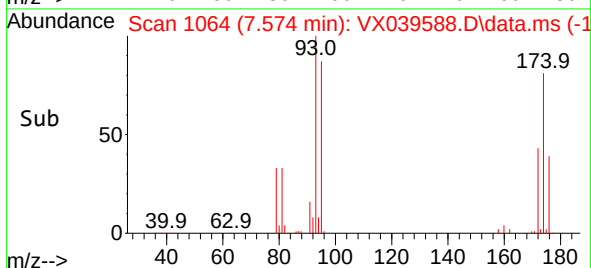
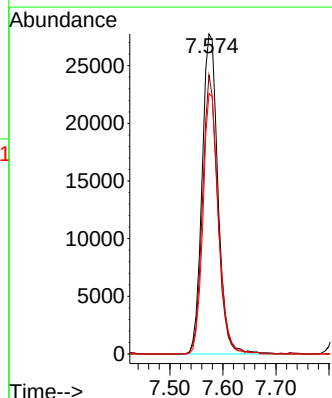
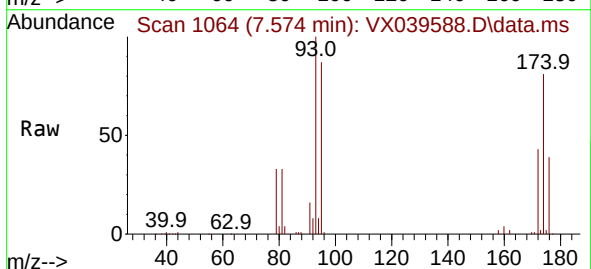
Reviewed By :John Carlone 01/04/2024

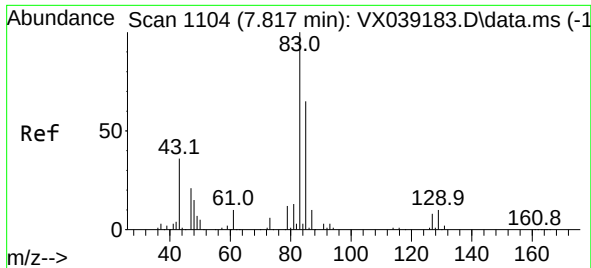
Supervised By :Mahesh Dadoda 01/04/2024



#46
Dibromomethane
Concen: 51.022 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

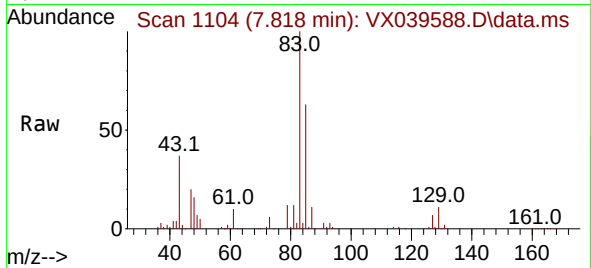
Tgt Ion: 93 Resp: 57707
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 80.0 69.4 104.0





#47
Bromodichloromethane
Concen: 51.998 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

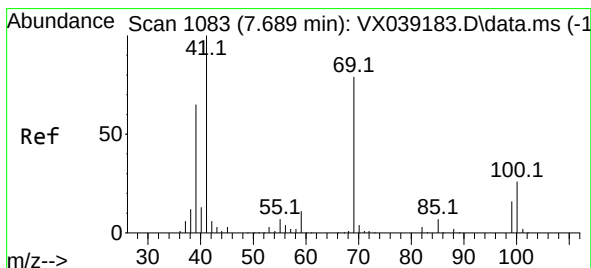
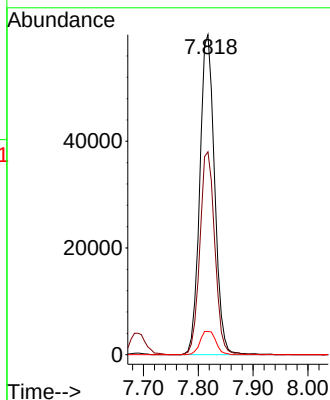
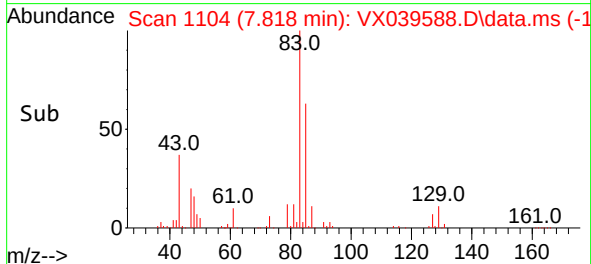
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



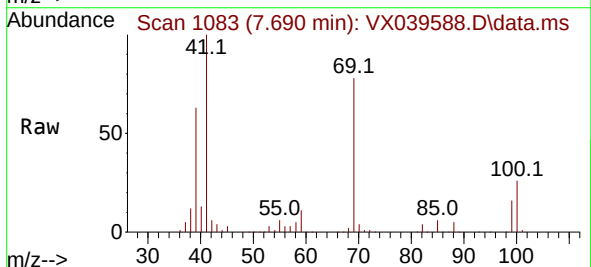
Tgt Ion: 83 Resp: 11244
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 7.3 7.1 10.7

Manual Integrations
APPROVED

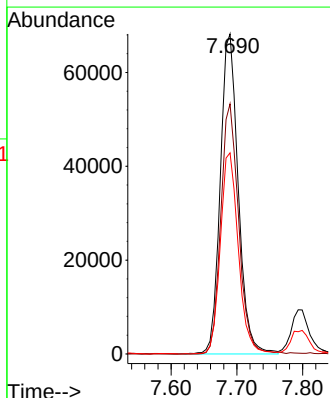
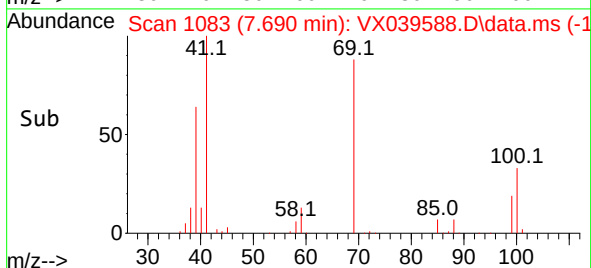
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

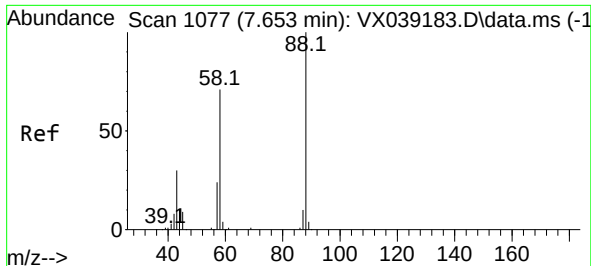


#48
Methyl methacrylate
Concen: 52.108 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



Tgt Ion: 41 Resp: 129704
Ion Ratio Lower Upper
41 100
69 77.6 59.2 88.8
39 63.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1146.166 ug/l

RT: 7.665 min Scan# 1077

Delta R.T. 0.012 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

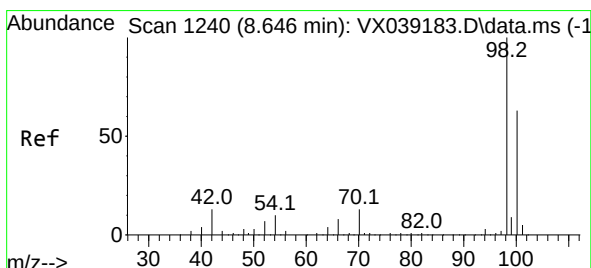
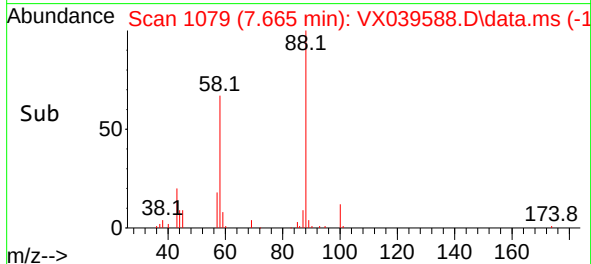
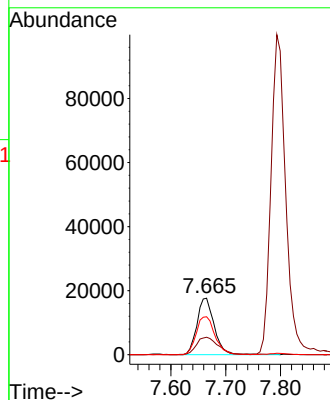
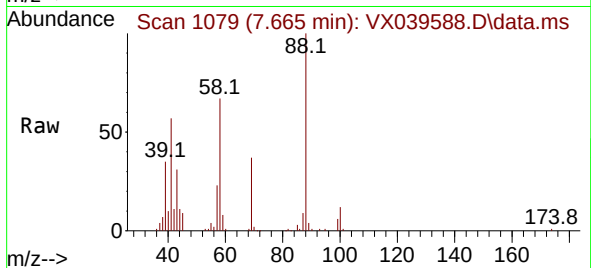
Tgt Ion:	88	Resp:	3845
Ion Ratio	Lower	Upper	
88	100		
43	38.9	0.0	0.0
58	73.0	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#50

Toluene-d8

Concen: 49.640 ug/l

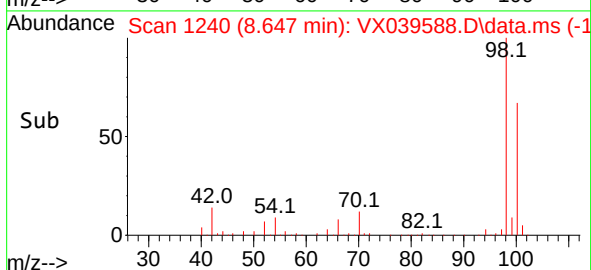
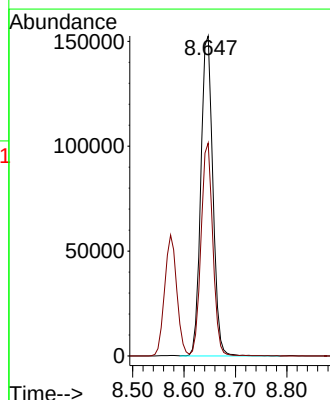
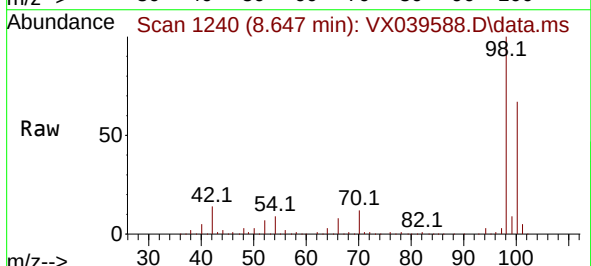
RT: 8.647 min Scan# 1240

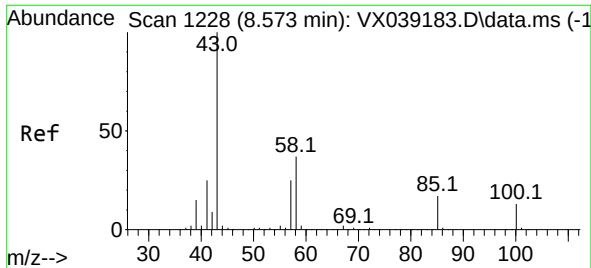
Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Tgt Ion:	98	Resp:	247504
Ion Ratio	Lower	Upper	
98	100		
100	65.0	53.1	79.7





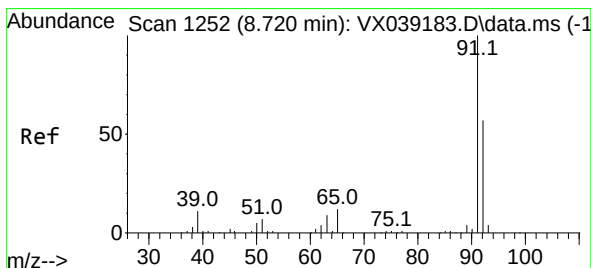
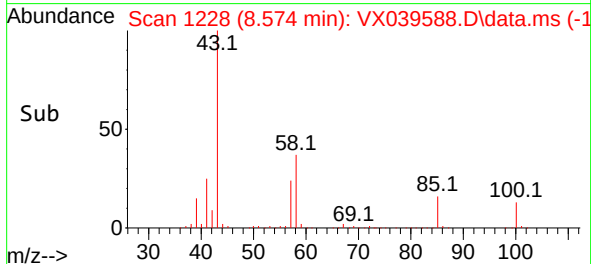
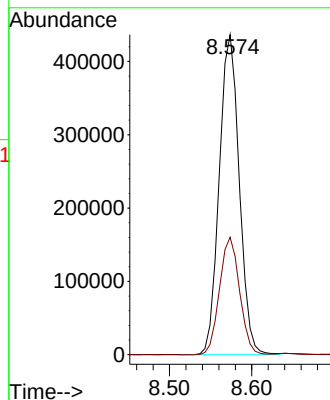
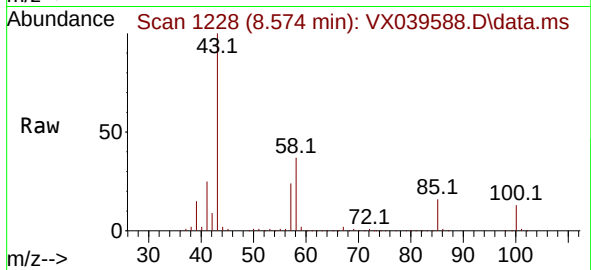
#51
4-Methyl-2-Pentanone
Concen: 271.681 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 73702
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

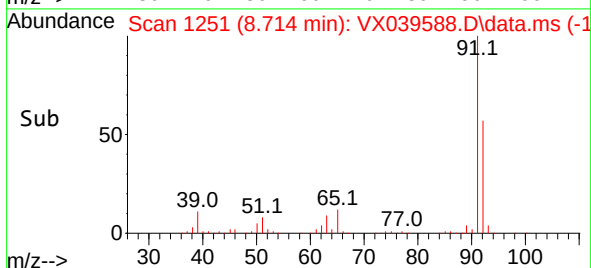
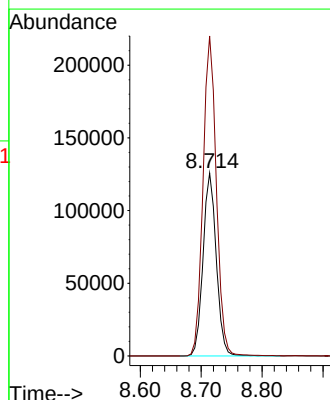
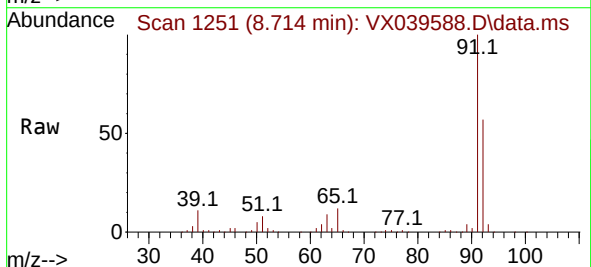
Manual Integrations
APPROVED

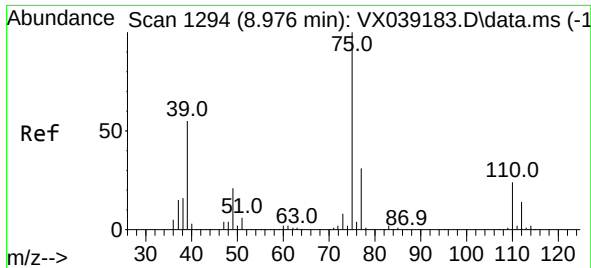
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#52
Toluene
Concen: 52.604 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion: 92 Resp: 190341
Ion Ratio Lower Upper
92 100
91 176.2 134.2 201.2





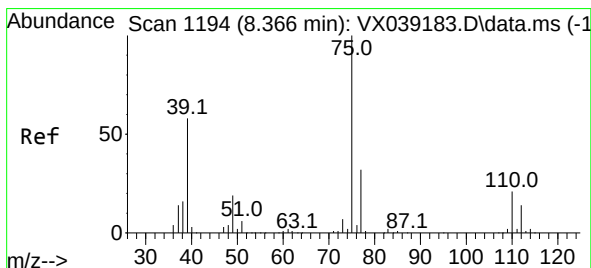
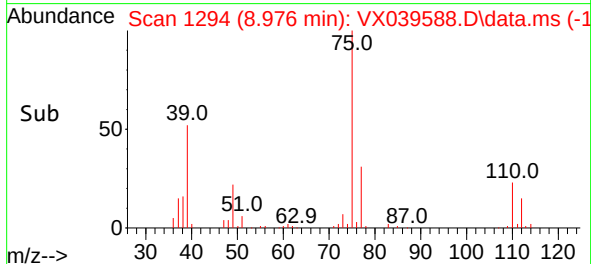
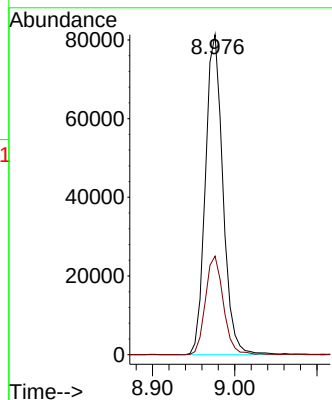
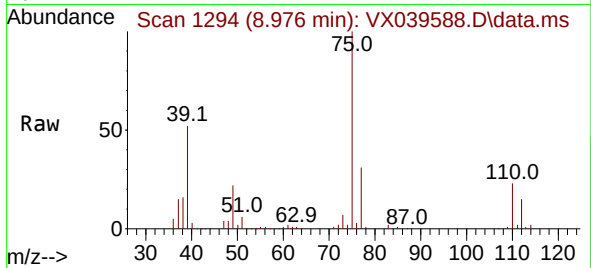
#53
 t-1,3-Dichloropropene
 Concen: 50.569 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 120390
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5

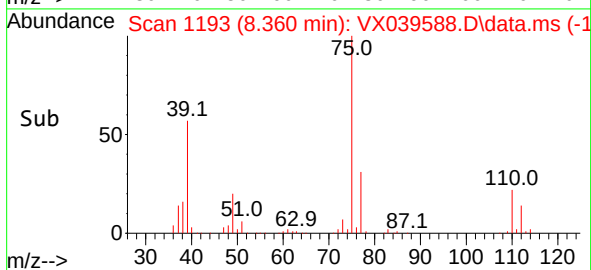
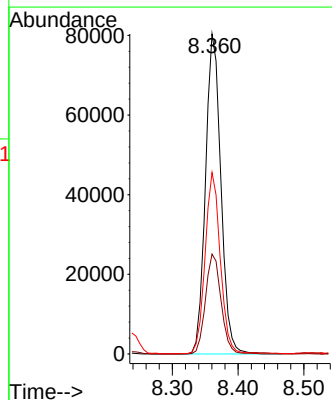
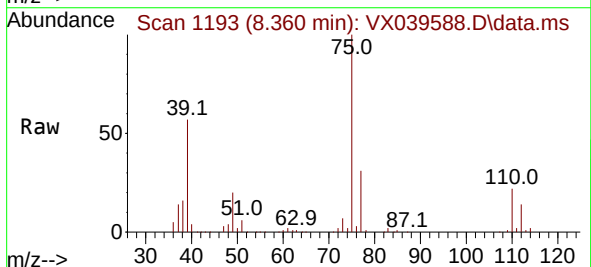
Manual Integrations
 APPROVED

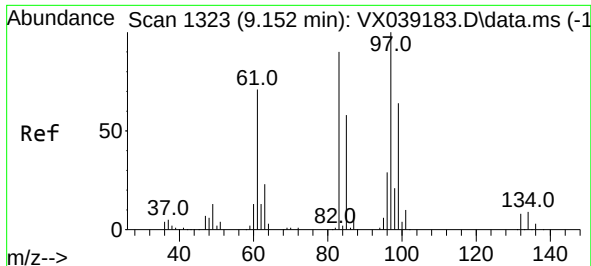
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.193 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

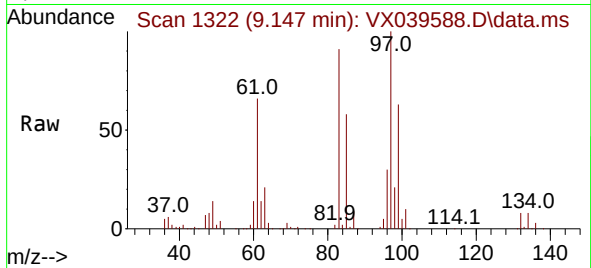
Tgt Ion: 75 Resp: 131143
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 56.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.631 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

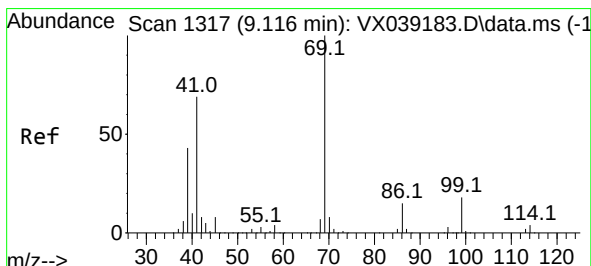
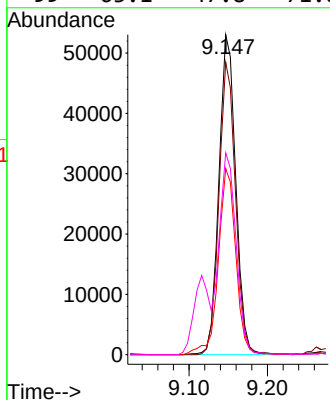
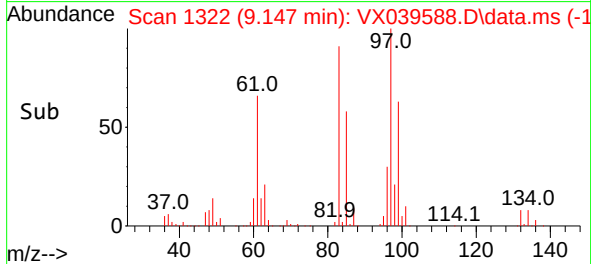
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



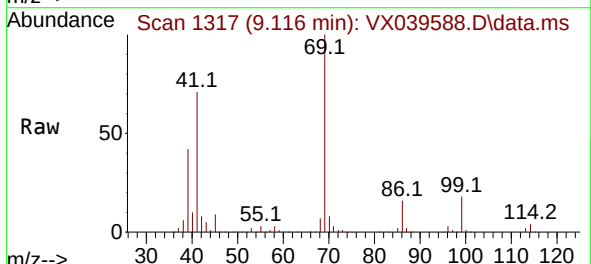
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.3	65.8	98.8
85	58.2	41.6	62.4
99	63.1	47.8	71.8

Manual Integrations
APPROVED

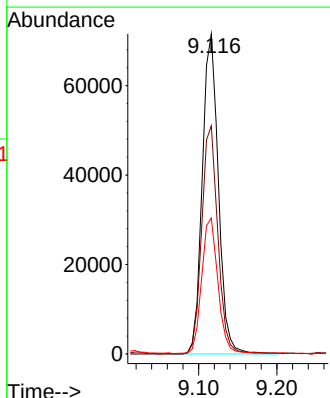
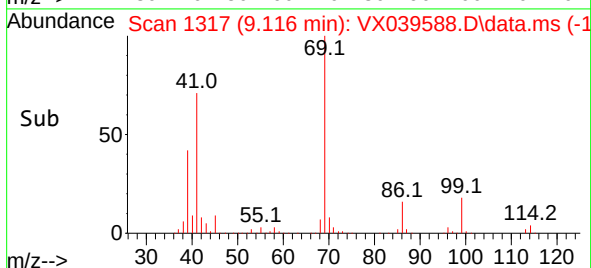
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

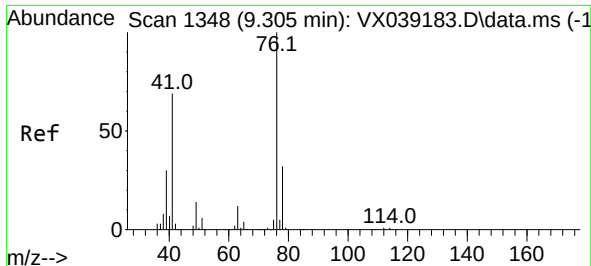


#56
Ethyl methacrylate
Concen: 55.399 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.8	85.2
39	42.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.538 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 137204

Ion Ratio Lower Upper

76 100

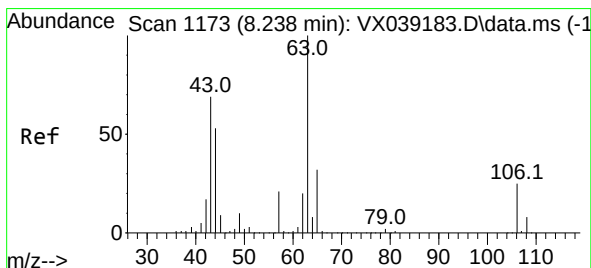
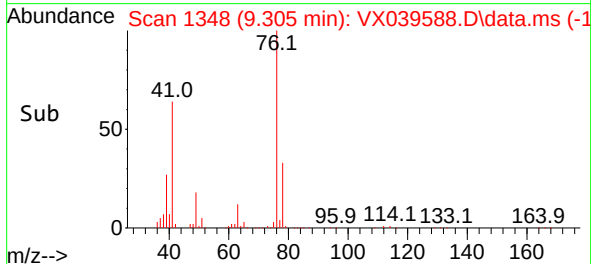
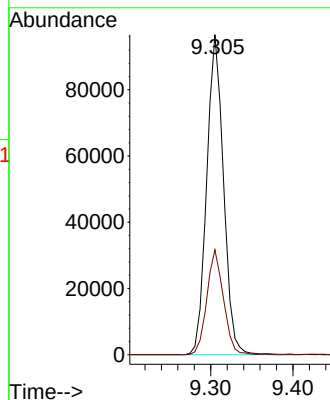
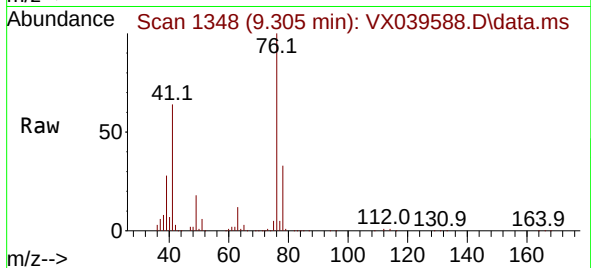
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#58

2-Chloroethyl Vinyl ether

Concen: 341.648 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039588.D

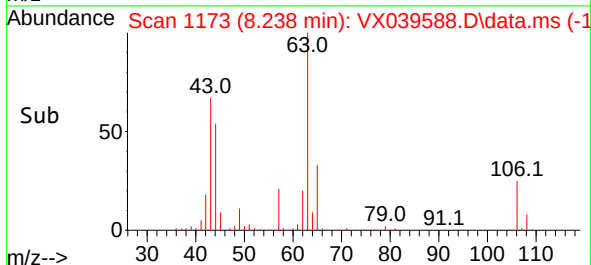
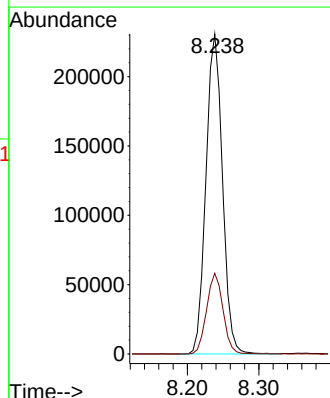
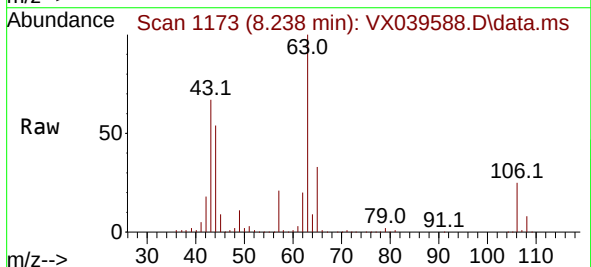
Acq: 03 Jan 2024 09:42

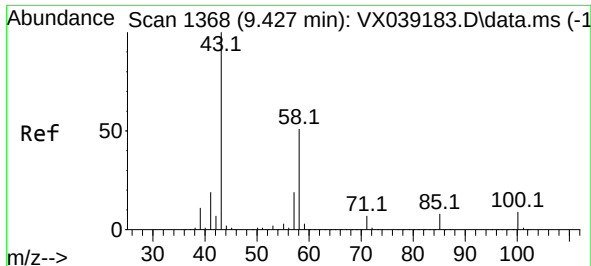
Tgt Ion: 63 Resp: 369948

Ion Ratio Lower Upper

63 100

106 25.0 22.5 33.7





#59
2-Hexanone
Concen: 263.890 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

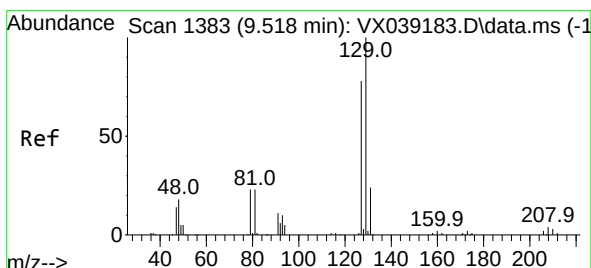
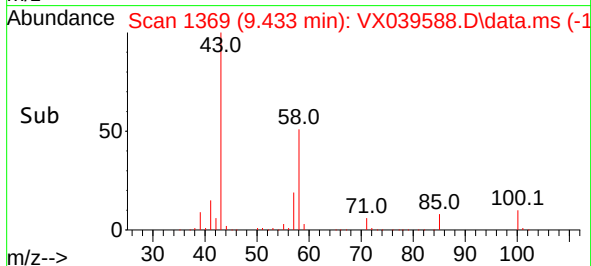
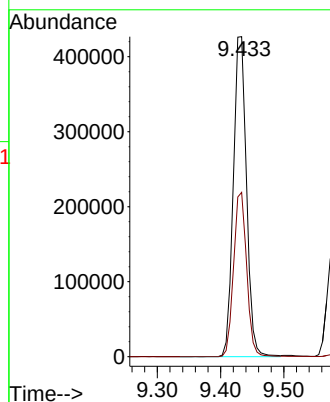
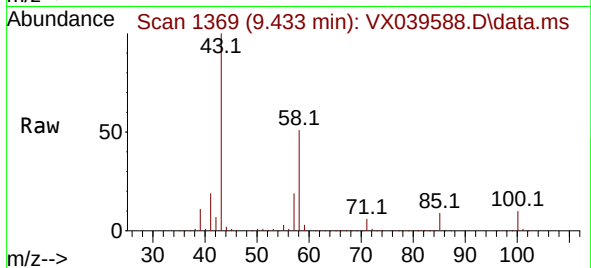
VSTDCCC050

Tgt Ion: 43 Resp: 61783
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5

Manual Integrations

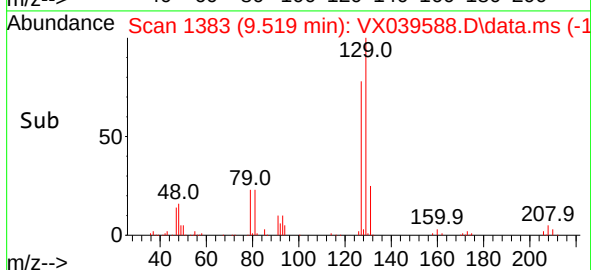
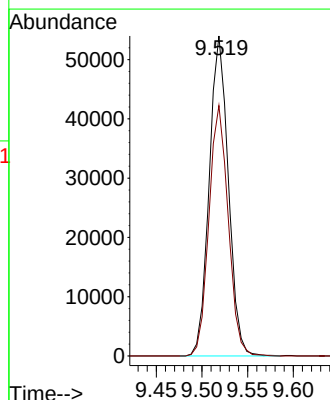
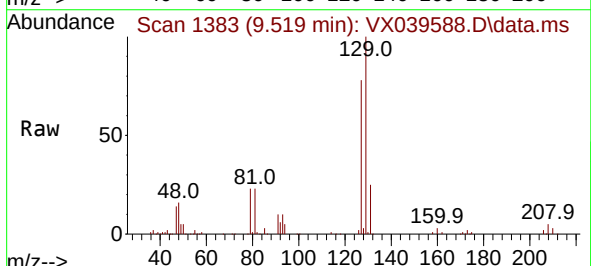
APPROVED

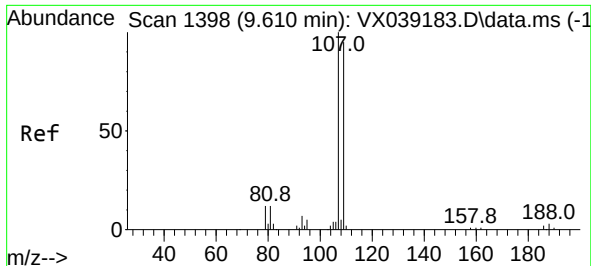
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#60
Dibromochloromethane
Concen: 51.301 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

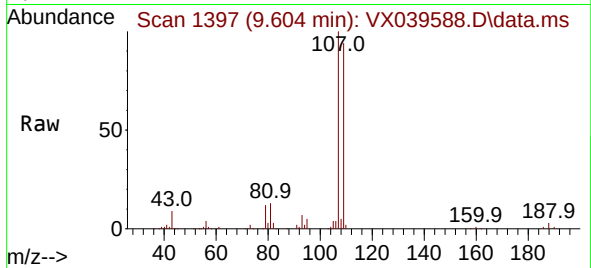
Tgt Ion:129 Resp: 78374
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.411 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

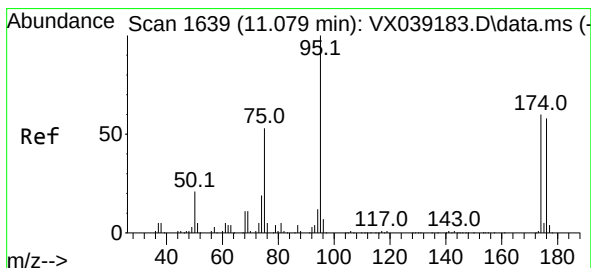
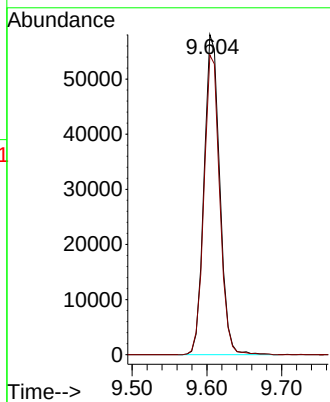
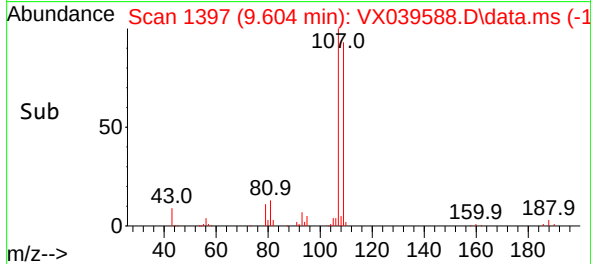
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



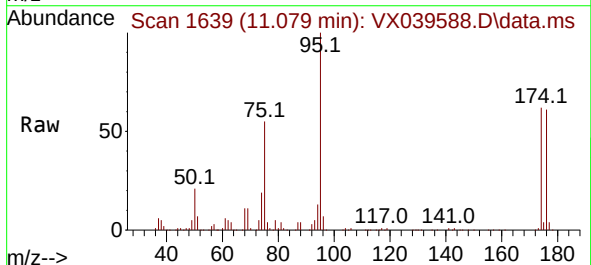
Tgt Ion:107 Resp: 84518
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

Manual Integrations
APPROVED

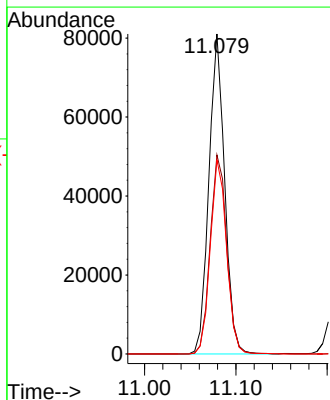
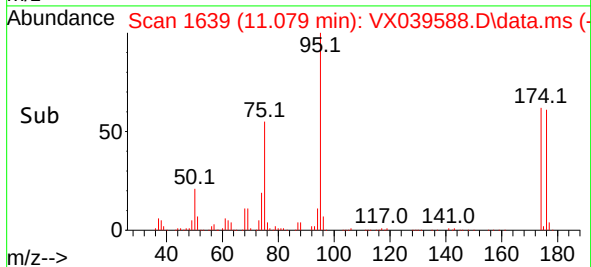
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

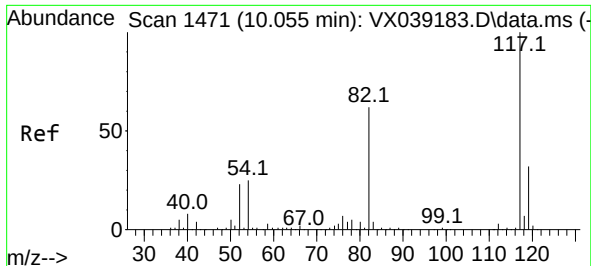


#62
4-Bromofluorobenzene
Concen: 47.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



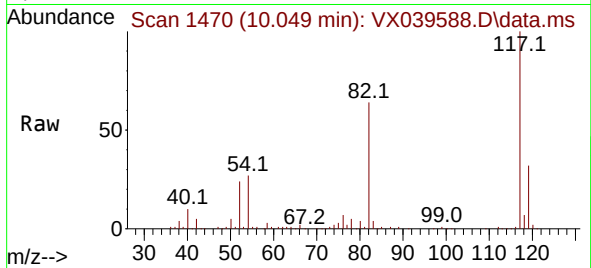
Tgt Ion: 95 Resp: 96745
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.6
176 62.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

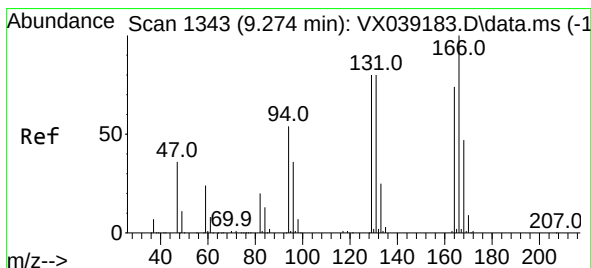
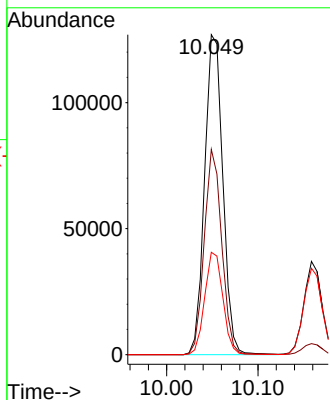
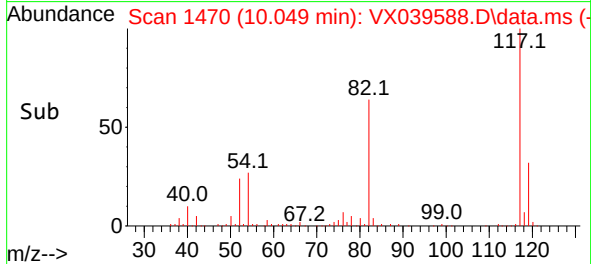
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 175680
Ion Ratio Lower Upper
117 100
82 64.1 46.2 69.4
119 32.0 25.5 38.3

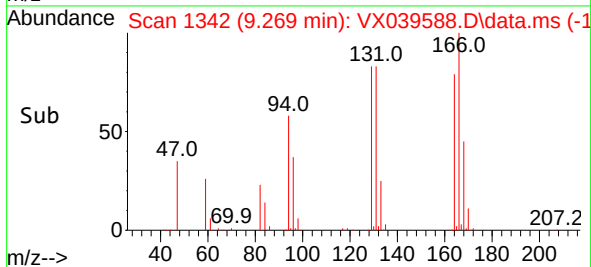
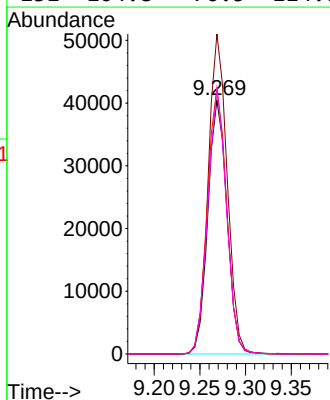
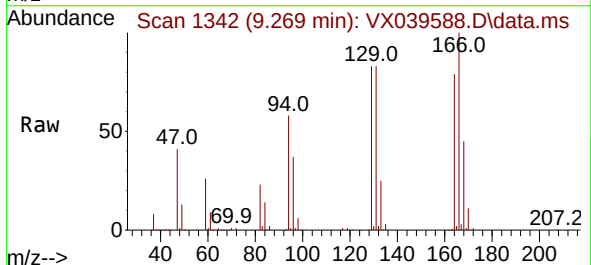
Manual Integrations
APPROVED

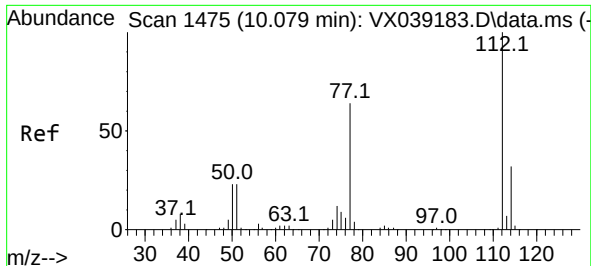
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#64
Tetrachloroethene
Concen: 50.948 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

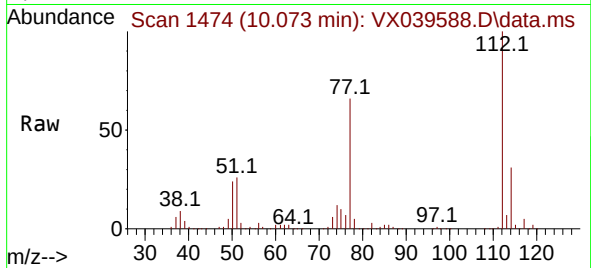
Tgt Ion:164 Resp: 58488
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 104.9 80.4 120.6
131 104.8 76.5 114.7





#65
Chlorobenzene
Concen: 51.487 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

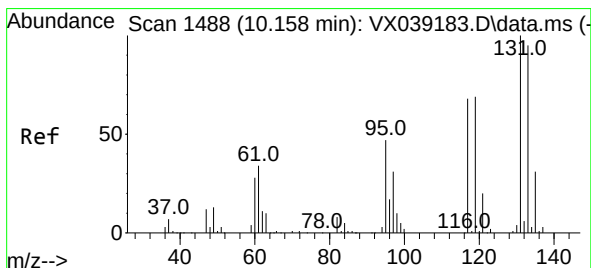
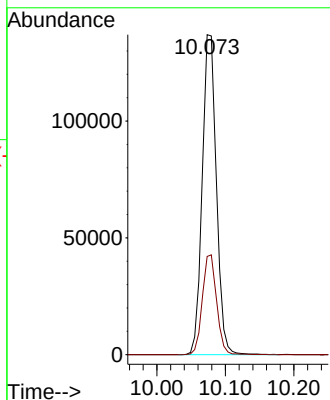
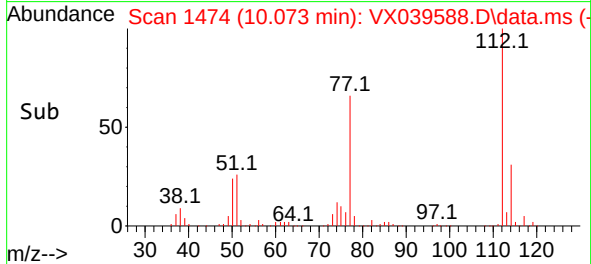
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



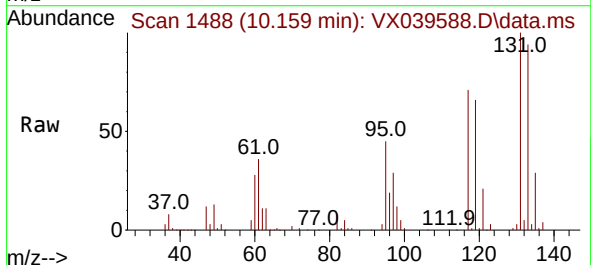
Tgt Ion:112 Resp: 197430
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

Manual Integrations
APPROVED

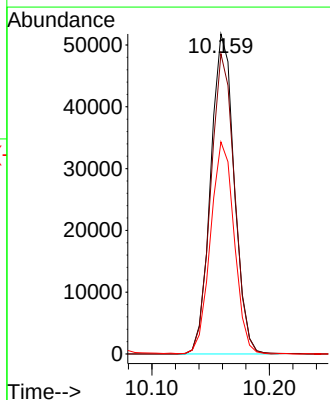
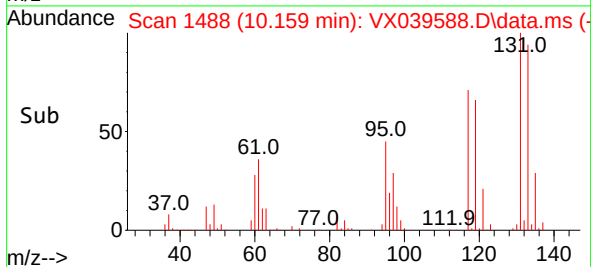
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

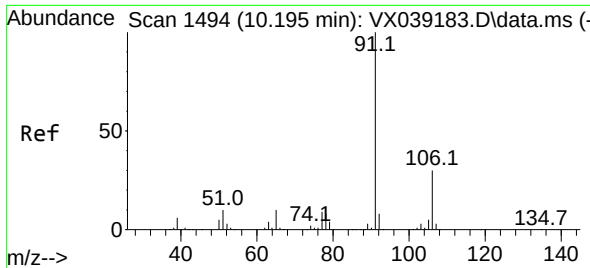


#66
1,1,1,2-Tetrachloroethane
Concen: 53.228 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



Tgt Ion:131 Resp: 72096
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 66.5 32.2 96.6





#67

Ethyl Benzene

Concen: 52.577 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 375280

Ion Ratio Lower Upper

91 100

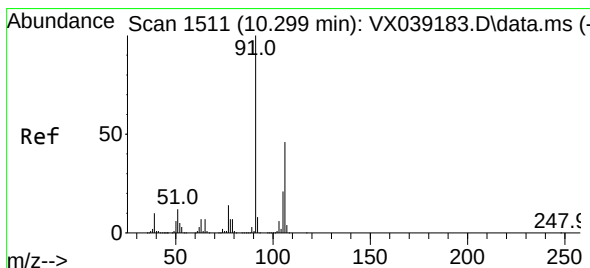
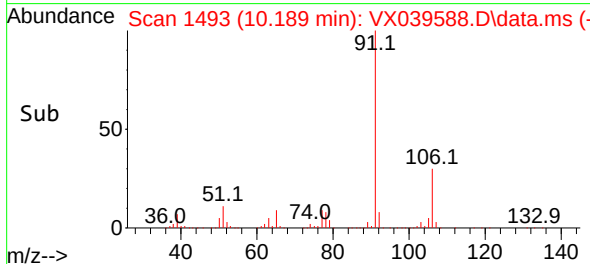
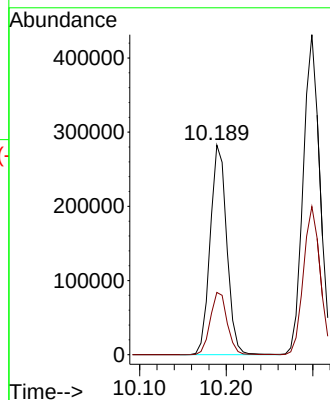
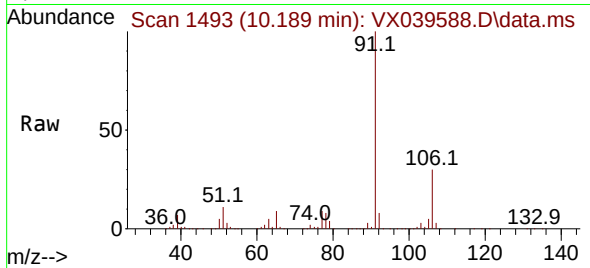
106 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#68

m/p-Xylenes

Concen: 105.660 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039588.D

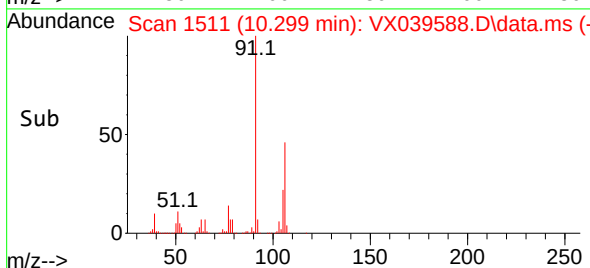
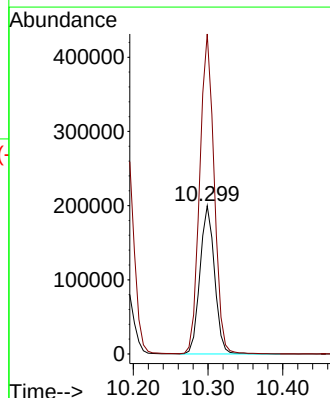
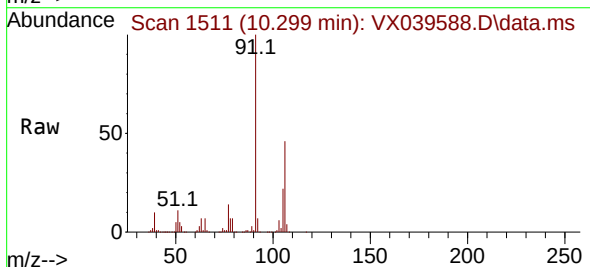
Acq: 03 Jan 2024 09:42

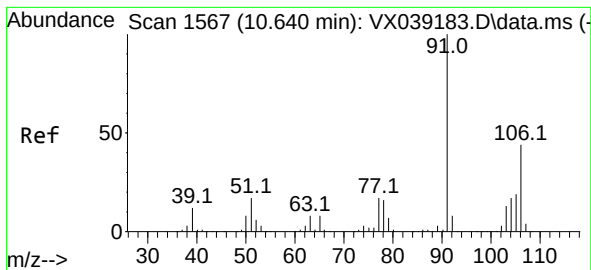
Tgt Ion:106 Resp: 270407

Ion Ratio Lower Upper

106 100

91 214.3 165.5 248.3





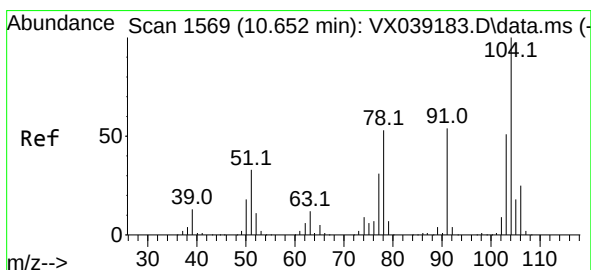
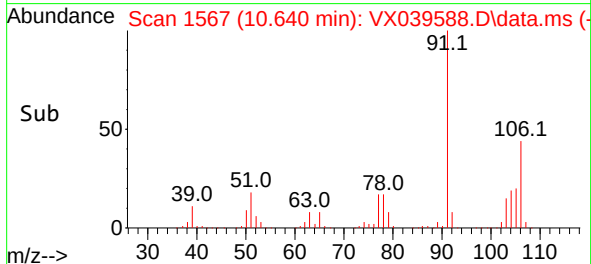
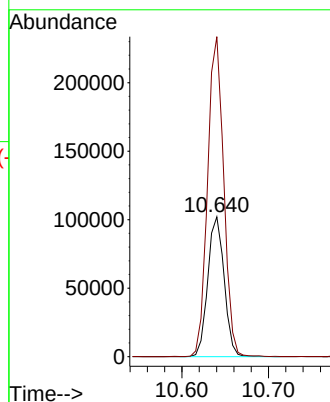
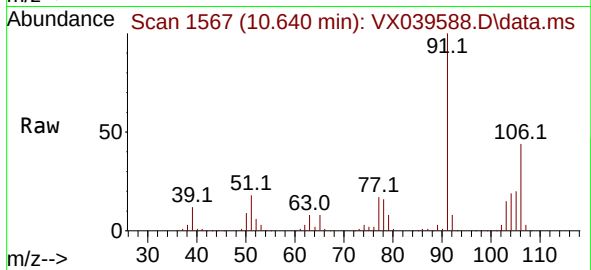
#69
o-Xylene
Concen: 54.156 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 134004
Ion Ratio Lower Upper
106 100
91 225.4 108.9 326.8

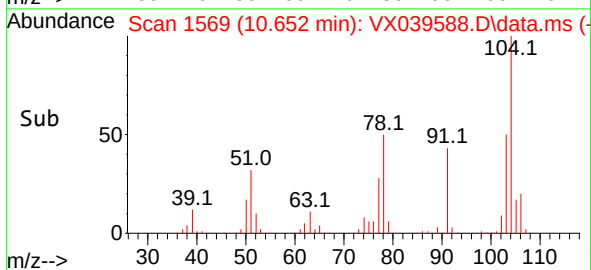
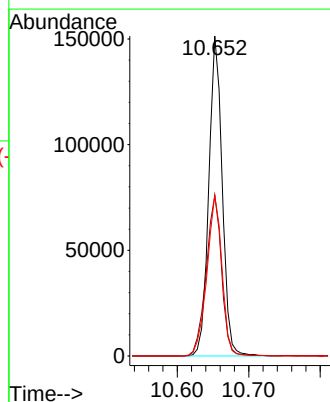
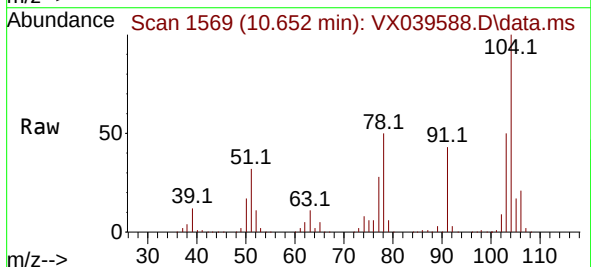
Manual Integrations
APPROVED

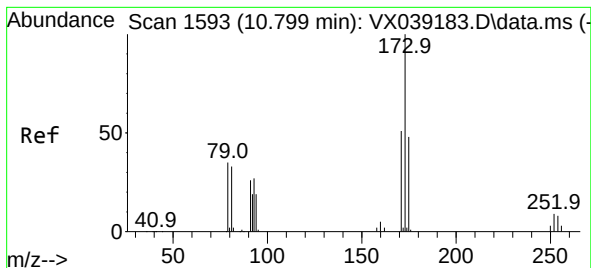
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#70
Styrene
Concen: 54.693 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

Tgt Ion:104 Resp: 197849
Ion Ratio Lower Upper
104 100
78 57.5 43.6 65.4
103 56.3 43.6 65.4





#71

Bromoform

Concen: 52.596 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

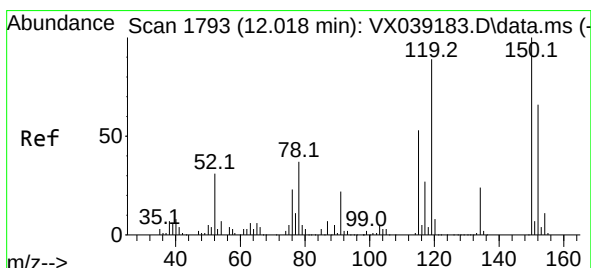
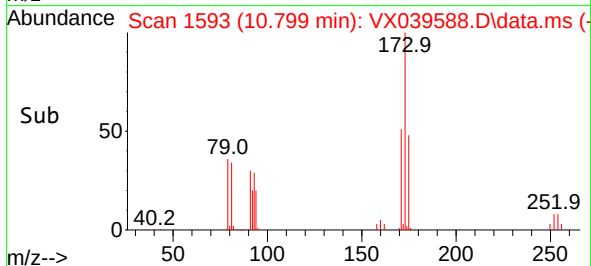
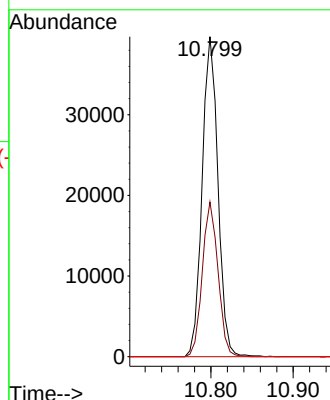
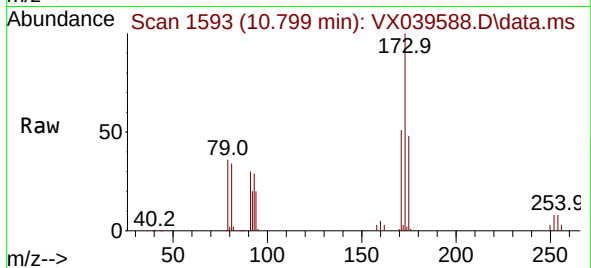
Tgt Ion:173 Resp: 5295
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

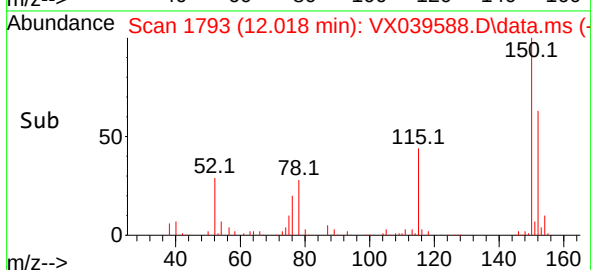
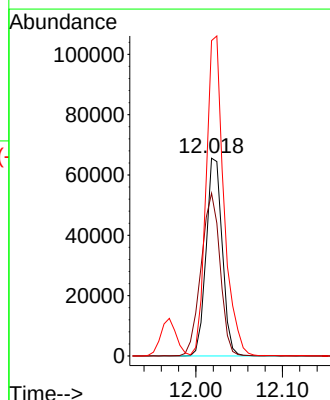
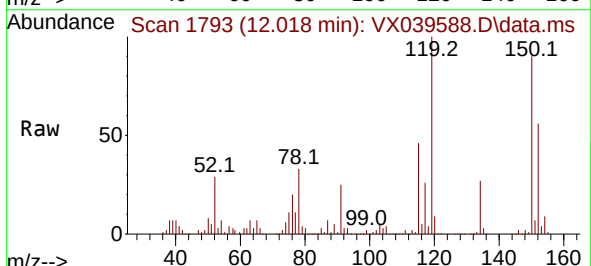
RT: 12.018 min Scan# 1793

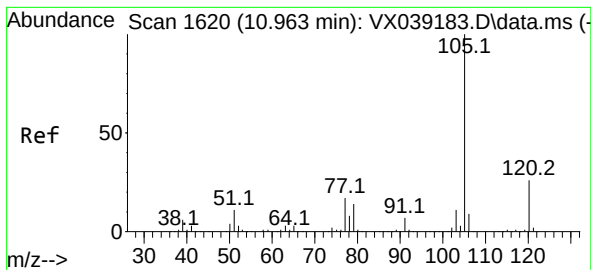
Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Tgt Ion:152 Resp: 84686
 Ion Ratio Lower Upper
 152 100
 115 97.2 43.3 129.9
 150 177.8 0.0 345.0





#73

Isopropylbenzene

Concen: 55.516 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 362735

Ion Ratio Lower Upper

105 100

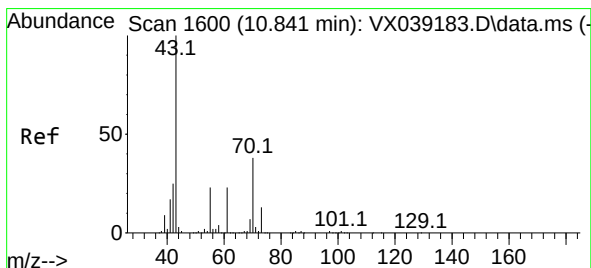
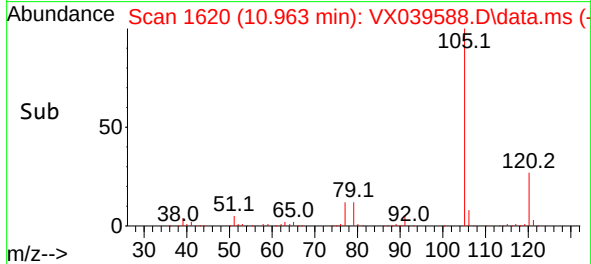
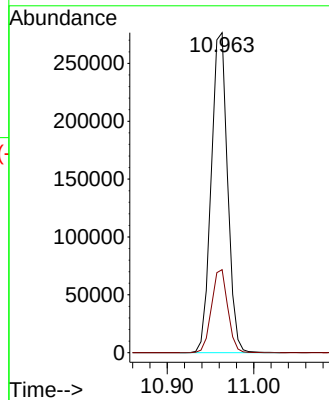
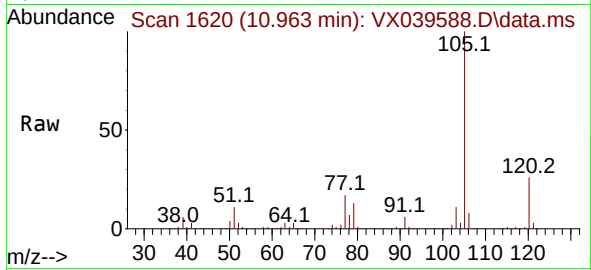
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#74

N-ethyl acetate

Concen: 58.209 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Tgt Ion: 43 Resp: 192430

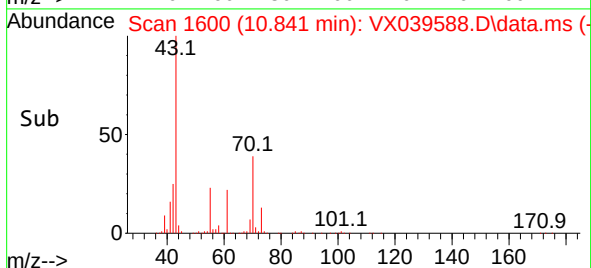
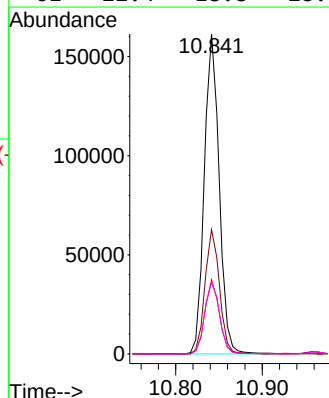
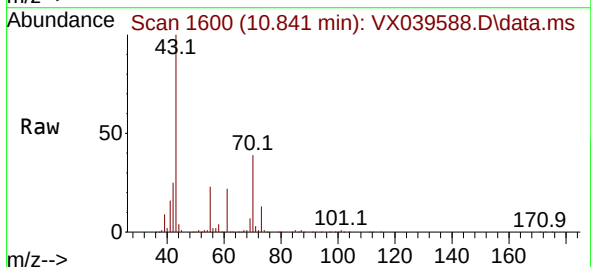
Ion Ratio Lower Upper

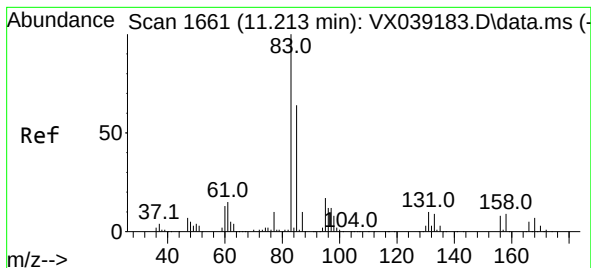
43 100

70 37.9 32.9 49.3

55 22.8 19.3 28.9

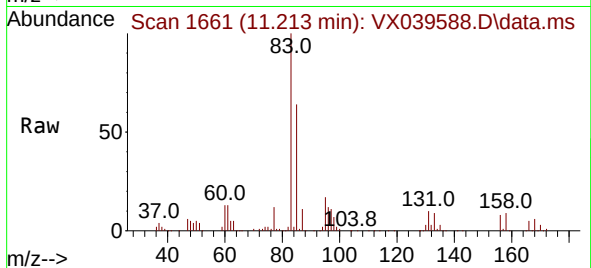
61 22.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 57.474 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

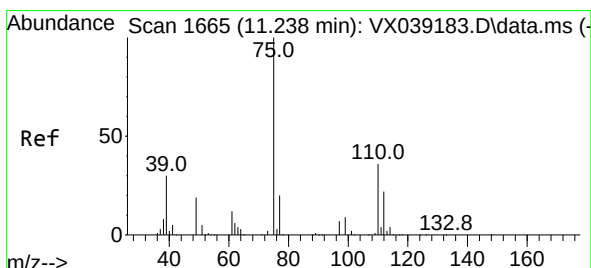
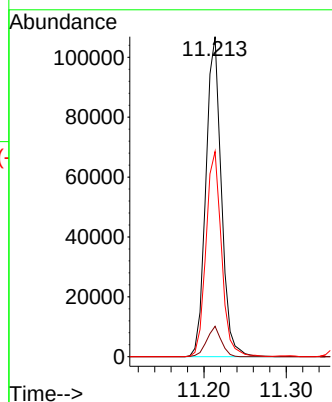
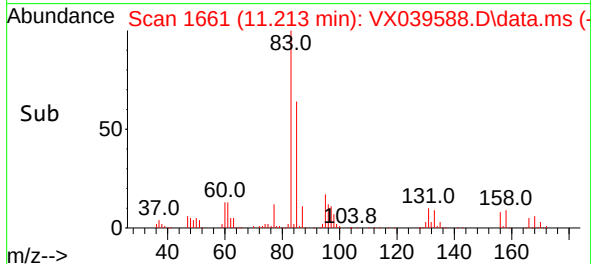
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



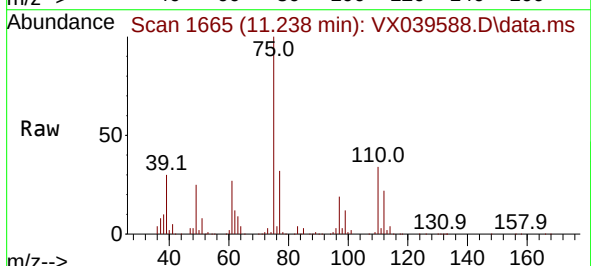
Tgt Ion: 83 Resp: 139699
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

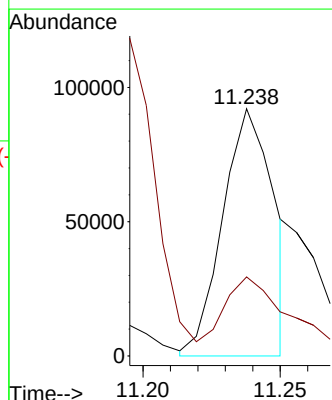
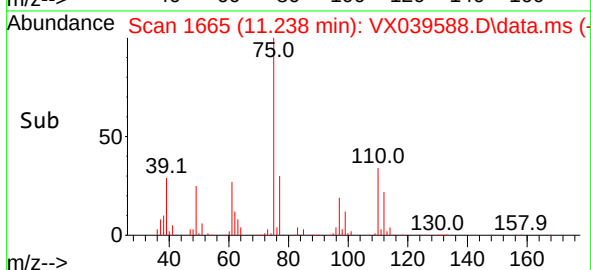
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

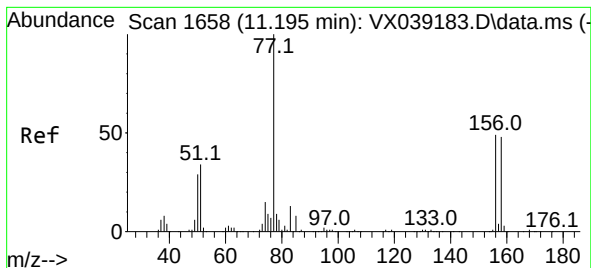


#76
1,2,3-Trichloropropane
Concen: 54.231 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



Tgt Ion: 75 Resp: 118818
Ion Ratio Lower Upper
75 100
77 42.1 19.1 57.5





#77

Bromobenzene

Concen: 54.965 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

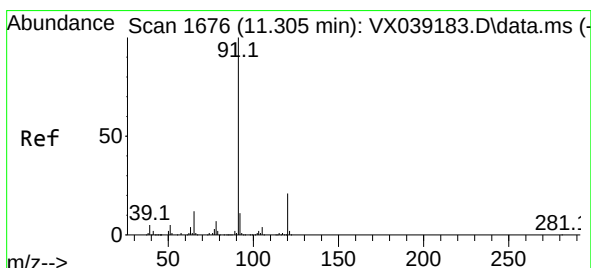
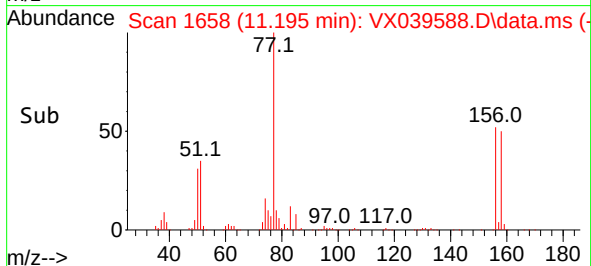
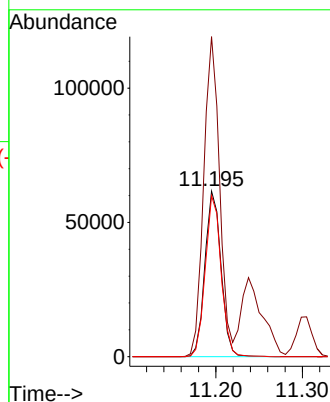
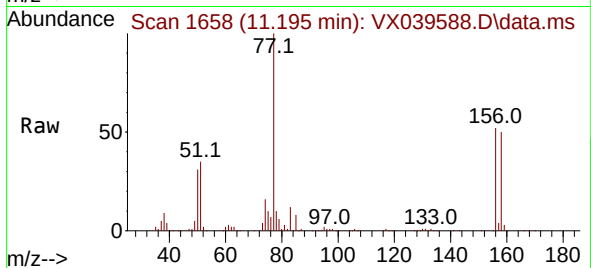
Tgt Ion:	156	Resp:	7941
Ion Ratio	Lower	Upper	
156	100		
77	191.2	88.4	265.3
158	95.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#78

n-propylbenzene

Concen: 54.813 ug/l

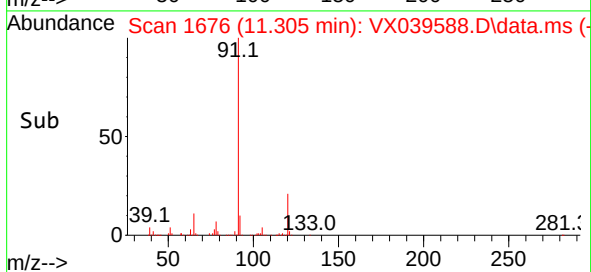
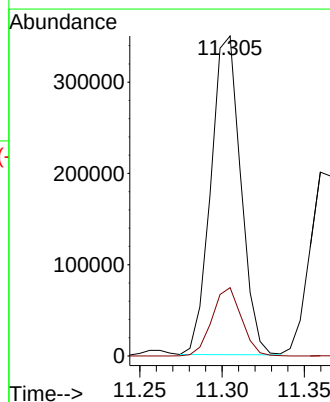
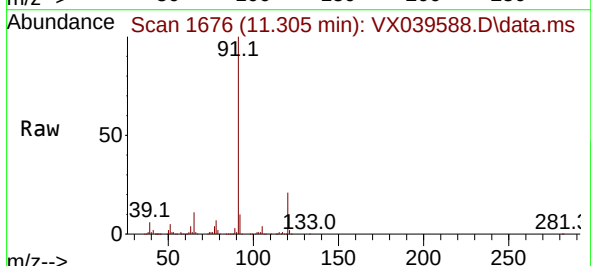
RT: 11.305 min Scan# 1676

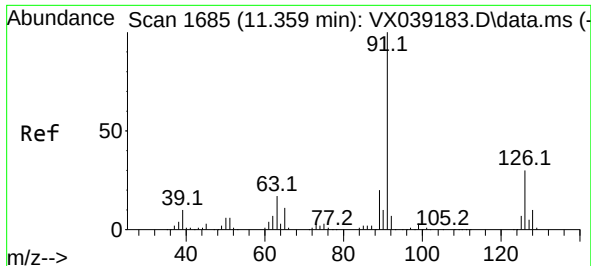
Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Tgt Ion:	91	Resp:	441265
Ion Ratio	Lower	Upper	
91	100		
120	21.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 53.473 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 260380

Ion Ratio Lower Upper

91 100

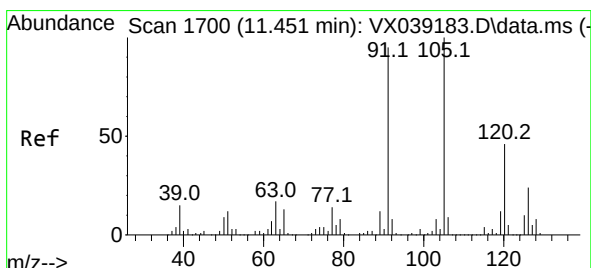
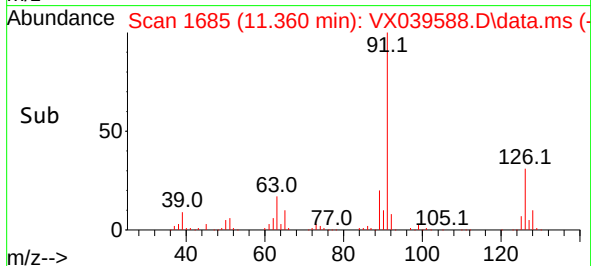
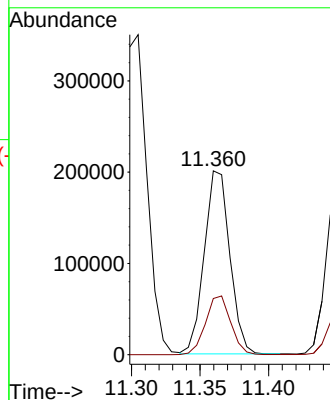
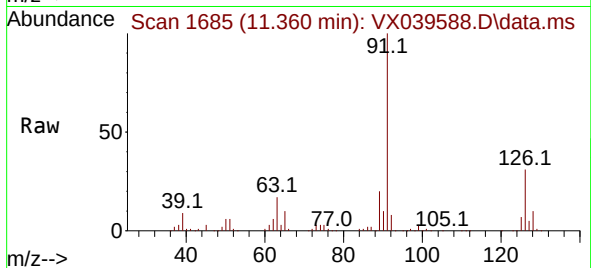
126 31.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#80

1,3,5-Trimethylbenzene

Concen: 56.142 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039588.D

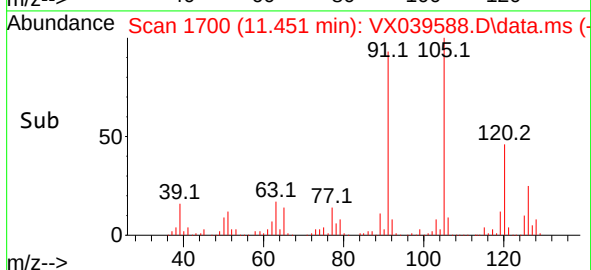
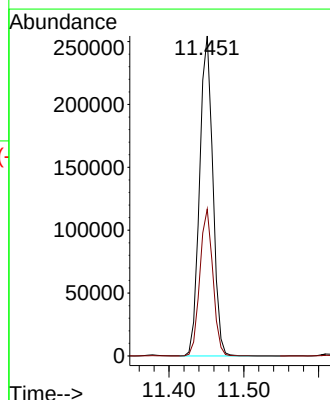
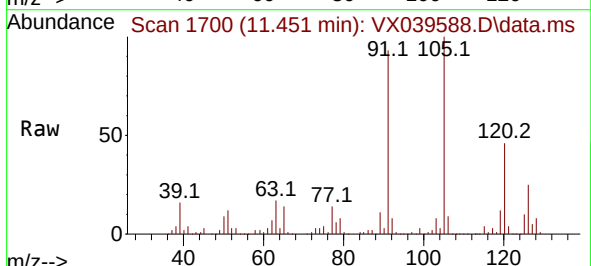
Acq: 03 Jan 2024 09:42

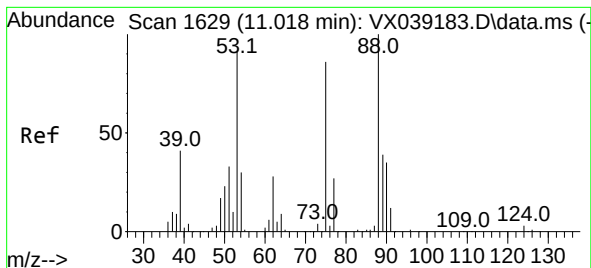
Tgt Ion:105 Resp: 312494

Ion Ratio Lower Upper

105 100

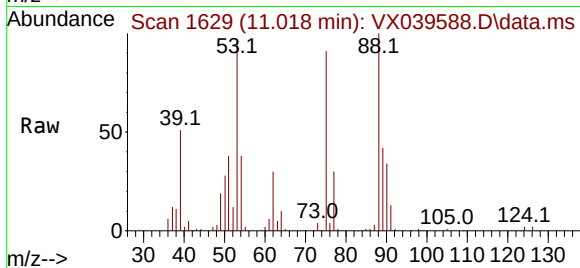
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.318 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

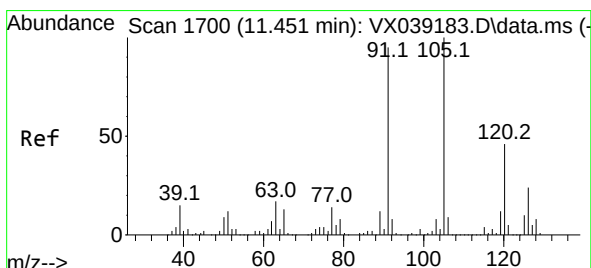
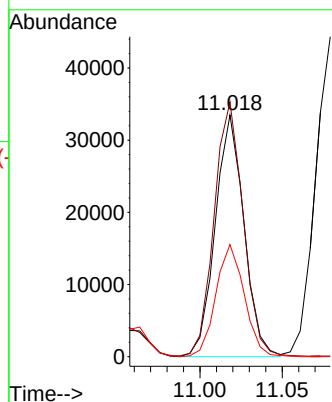
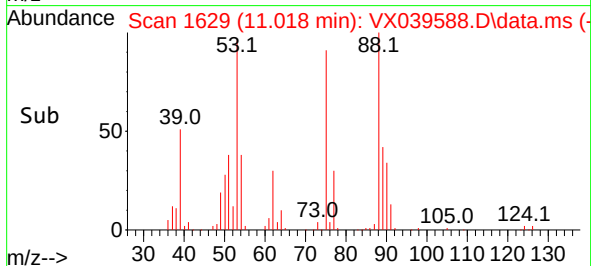
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 40634
Ion Ratio Lower Upper
75 100
53 106.2 90.5 135.7
89 45.8 36.9 55.3

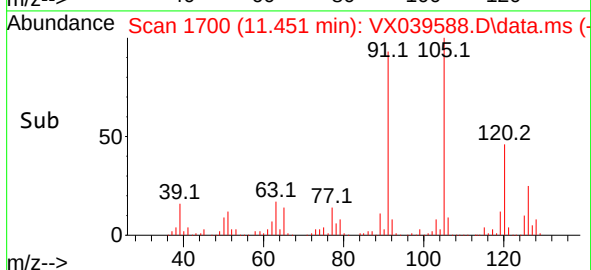
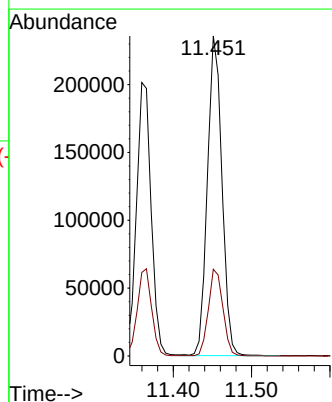
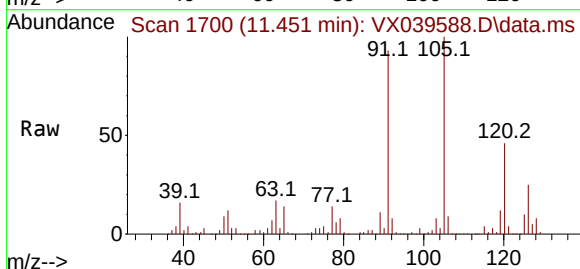
Manual Integrations
APPROVED

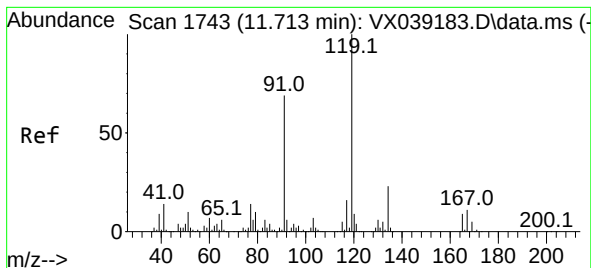
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#82
4-Chlorotoluene
Concen: 52.996 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

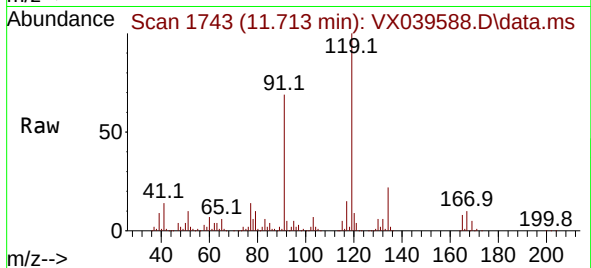
Tgt Ion: 91 Resp: 303104
Ion Ratio Lower Upper
91 100
126 27.2 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 56.201 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

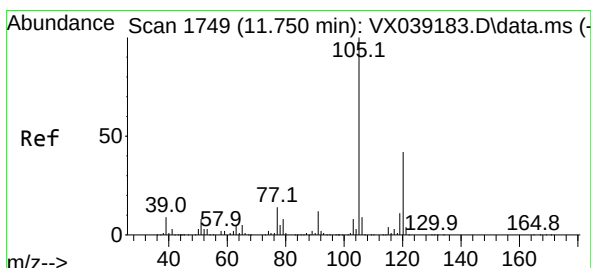
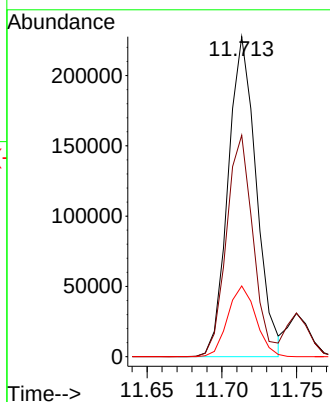
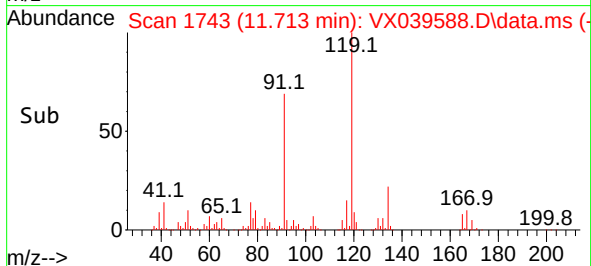
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



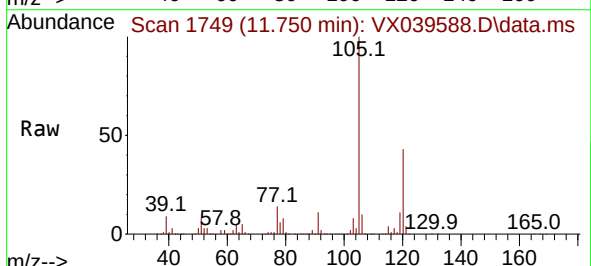
Tgt Ion:119 Resp: 297711
 Ion Ratio Lower Upper
 119 100
 91 65.9 31.2 93.6
 134 22.1 11.7 35.0

Manual Integrations
 APPROVED

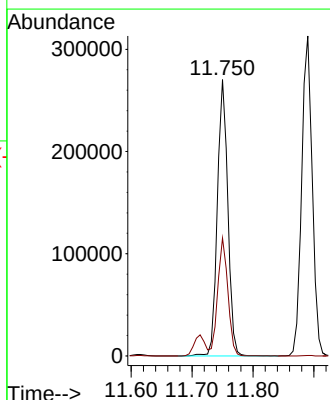
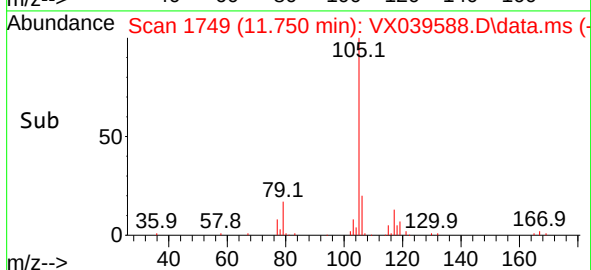
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

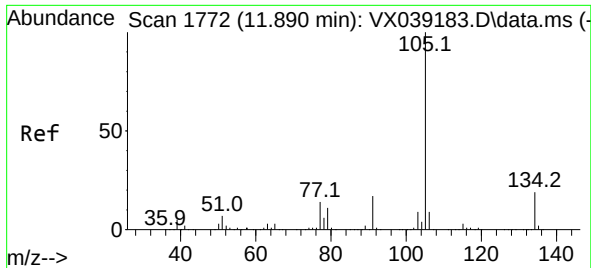


#84
 1,2,4-Trimethylbenzene
 Concen: 56.330 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42



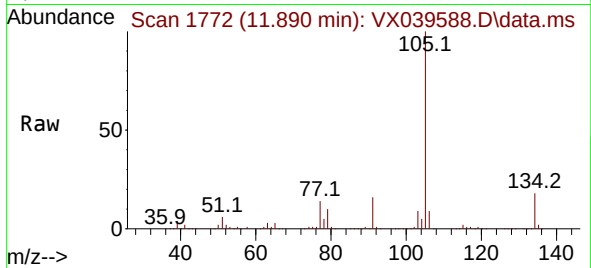
Tgt Ion:105 Resp: 321537
 Ion Ratio Lower Upper
 105 100
 120 41.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 55.909 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42

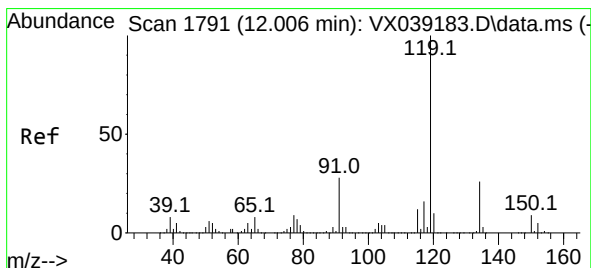
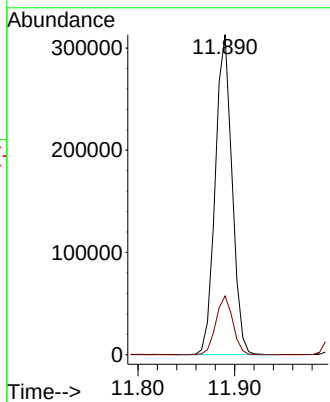
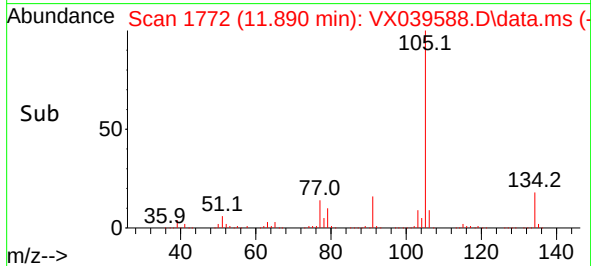
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



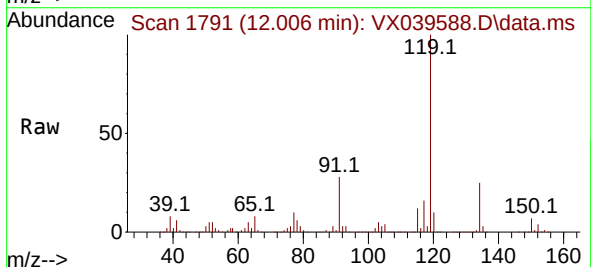
Tgt Ion:105 Resp: 376869
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4

Manual Integrations
 APPROVED

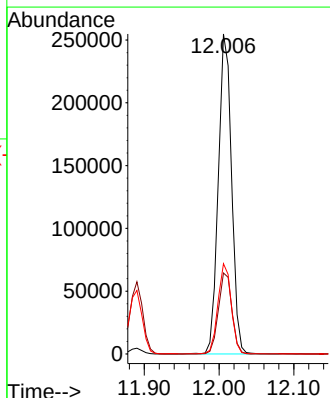
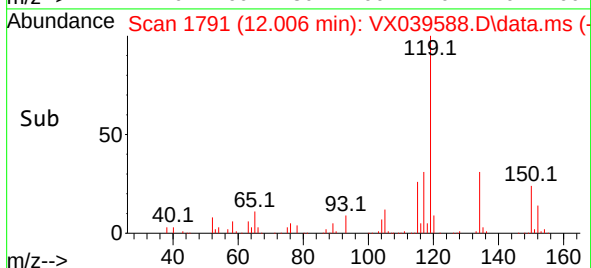
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

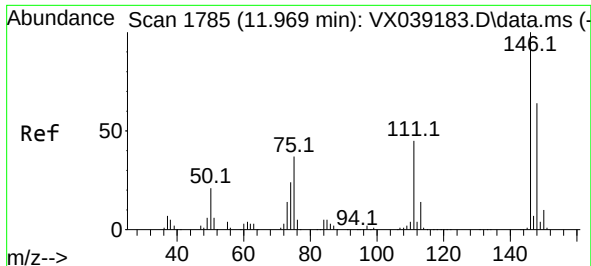


#86
 p-Isopropyltoluene
 Concen: 55.595 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039588.D
 Acq: 03 Jan 2024 09:42



Tgt Ion:119 Resp: 314507
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 28.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.837 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039588.D

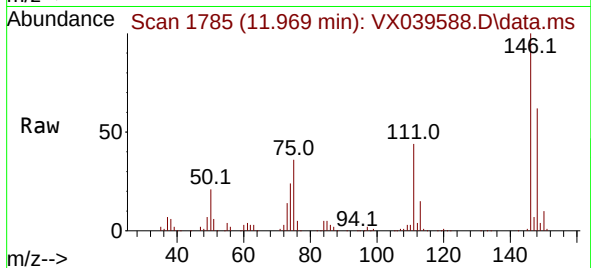
Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 152820

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

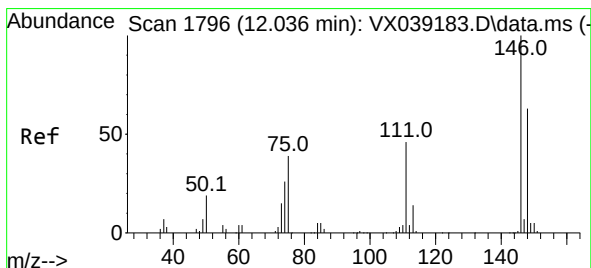
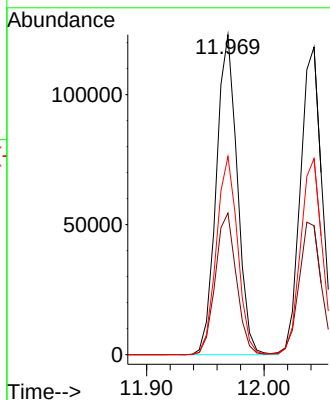
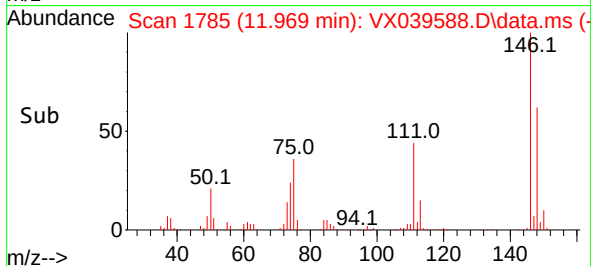
148 62.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#88

1,4-Dichlorobenzene

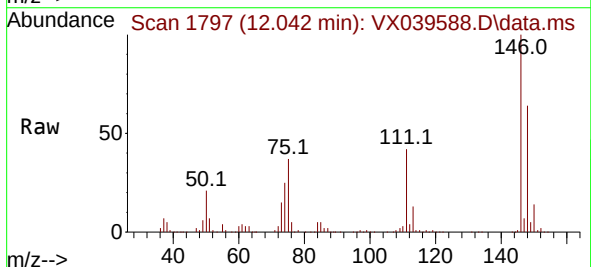
Concen: 50.845 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42



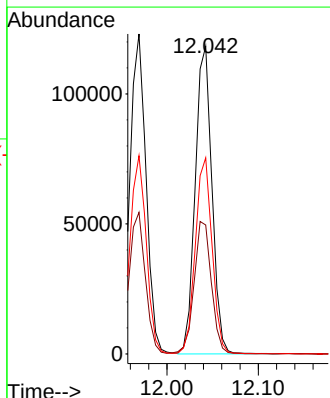
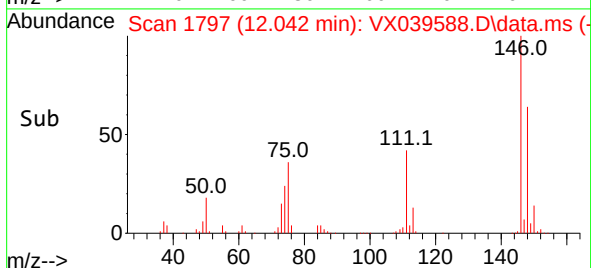
Tgt Ion:146 Resp: 150276

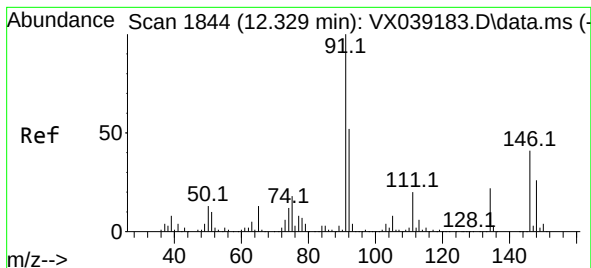
Ion Ratio Lower Upper

146 100

111 44.6 21.3 63.7

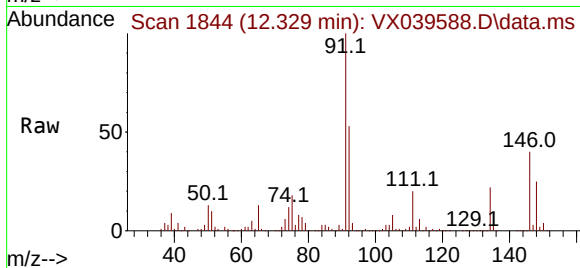
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 54.605 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

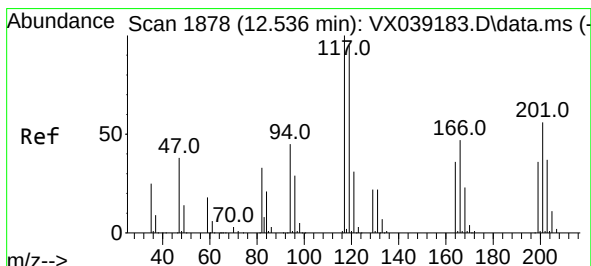
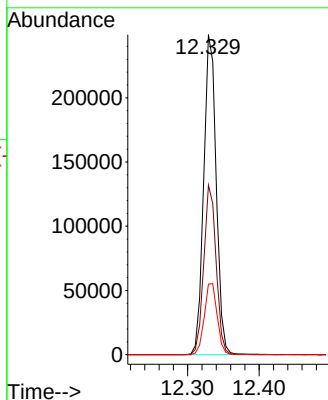
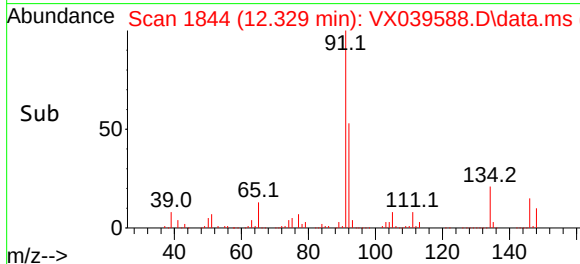
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 30366
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 22.8 12.6 37.8

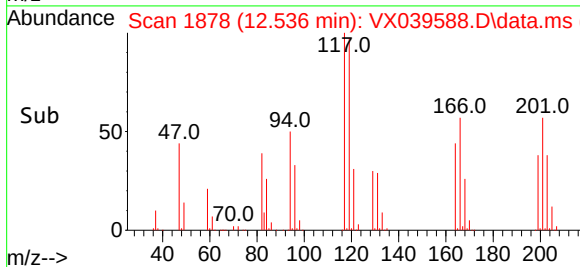
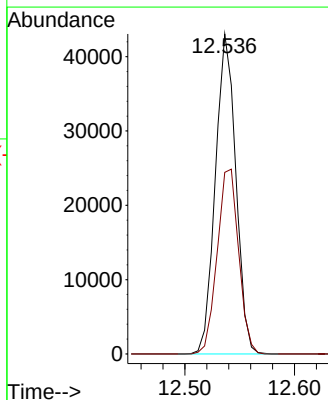
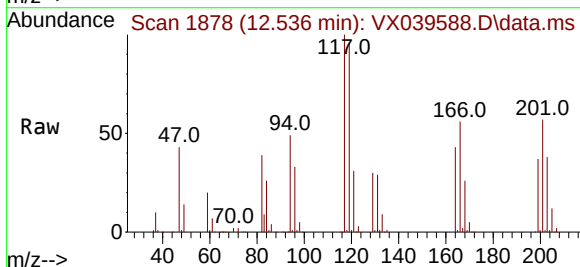
Manual Integrations
APPROVED

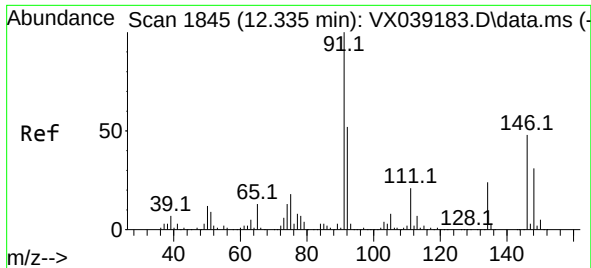
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#90
Hexachloroethane
Concen: 54.665 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

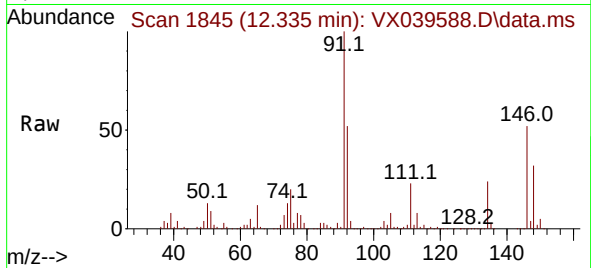
Tgt Ion:117 Resp: 55862
Ion Ratio Lower Upper
117 100
201 60.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.959 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

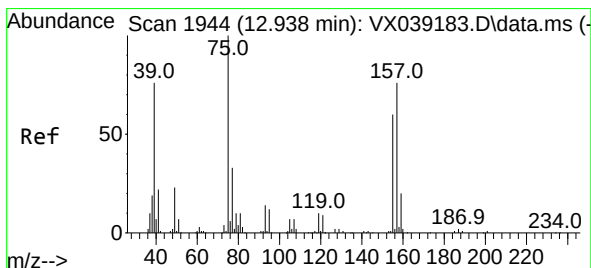
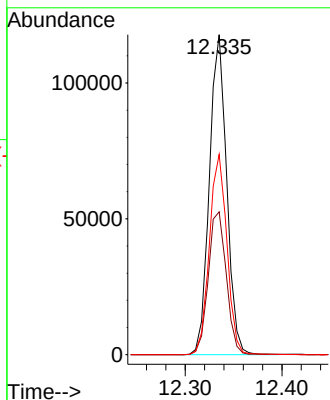
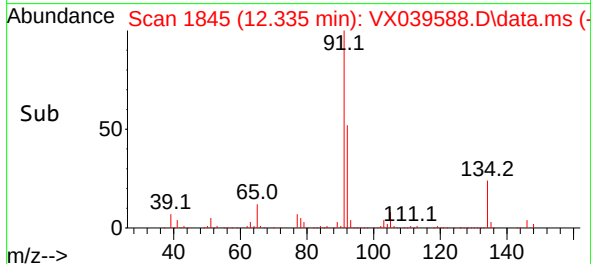
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



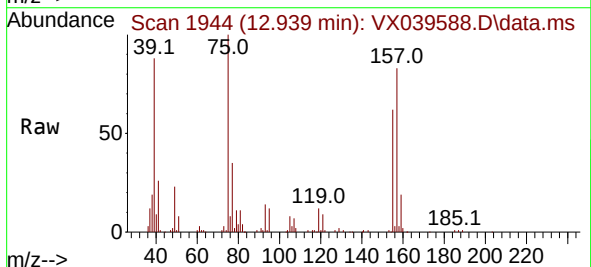
Tgt Ion:146 Resp: 14655
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
APPROVED

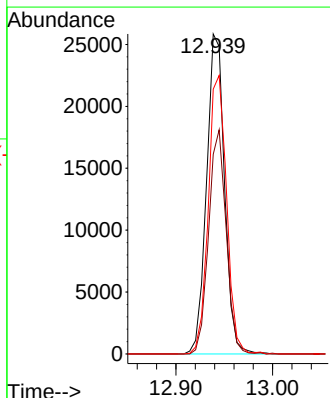
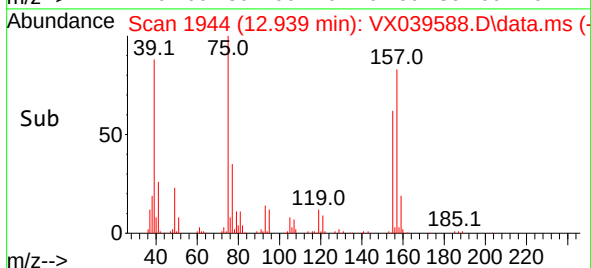
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

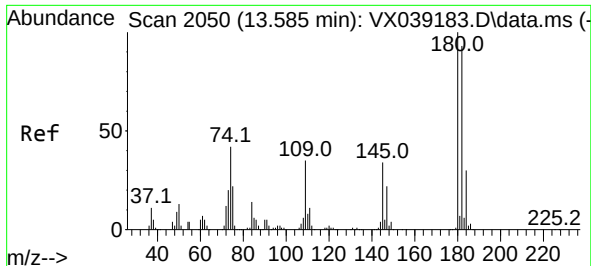


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.314 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



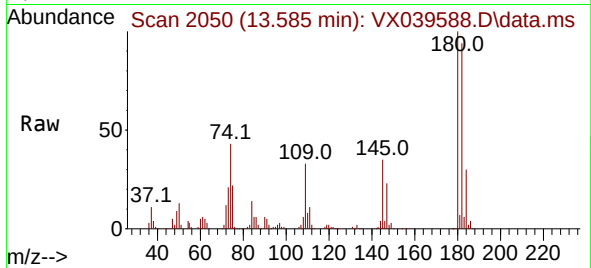
Tgt Ion: 75 Resp: 33492
Ion Ratio Lower Upper
75 100
155 68.2 36.1 108.5
157 88.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 50.800 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42

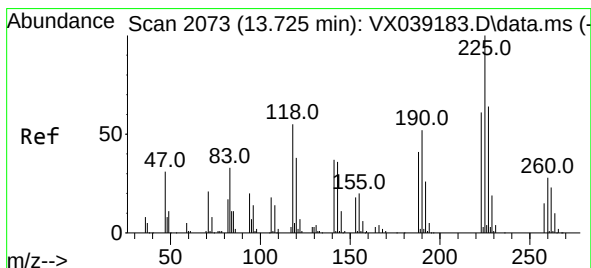
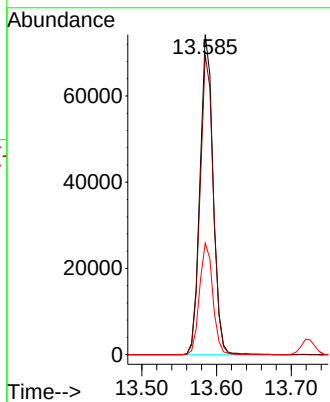
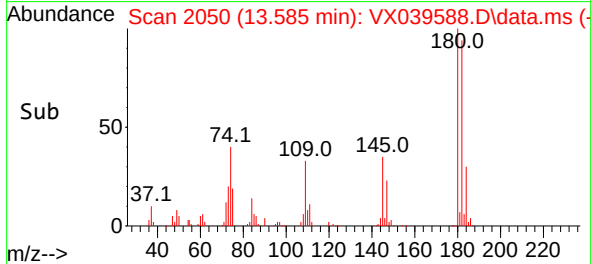
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



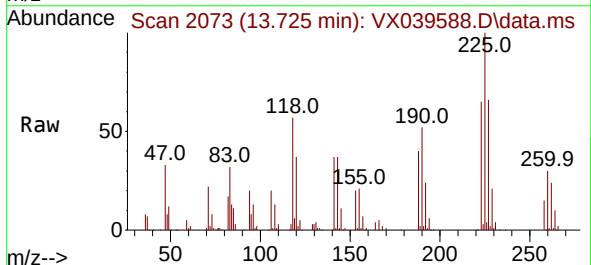
Tgt Ion:180 Resp: 90345
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.8
145 35.3 18.0 54.0

Manual Integrations
APPROVED

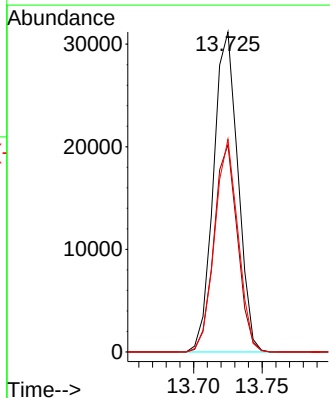
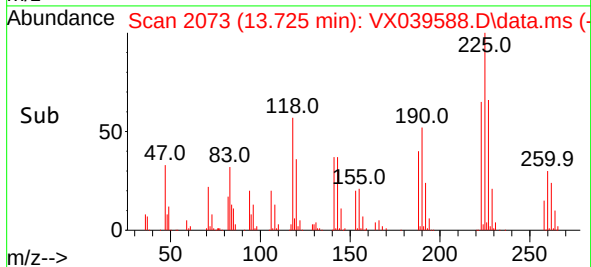
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

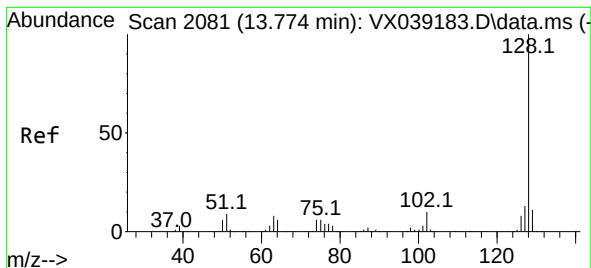


#94
Hexachlorobutadiene
Concen: 57.656 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039588.D
Acq: 03 Jan 2024 09:42



Tgt Ion:225 Resp: 38642
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 63.4 32.5 97.5





#95

Naphthalene

Concen: 55.895 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 346180

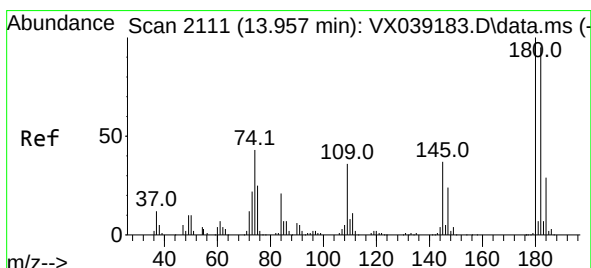
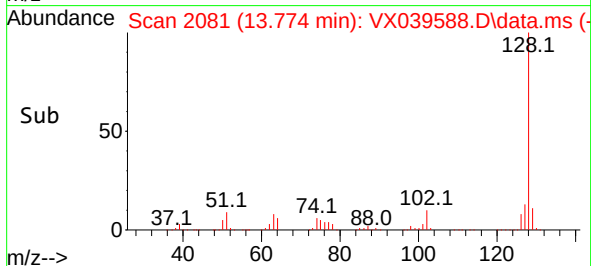
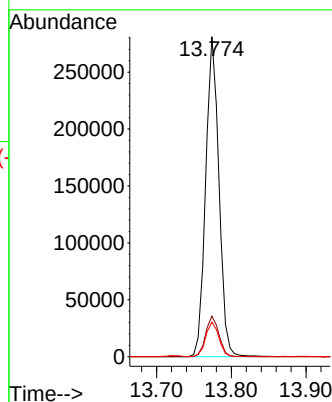
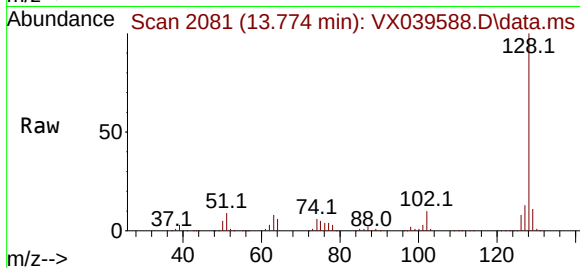
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.660 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039588.D

Acq: 03 Jan 2024 09:42

Tgt Ion:180 Resp: 90409

Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.9	140.6
145	36.9	17.8	53.5

