

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120623\
 Data File : VX039085.D
 Acq On : 06 Dec 2023 10:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 03:58:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	12829	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	105569	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	129436	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	53317	30.378	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.267%			
60) 4-Bromofluorobenzene	11.079	95	85824	30.357	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.200%			
63) Toluene-d8	8.647	98	152311	29.763	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40823	21.260	ug/l	99
3) Chloromethane	1.295	50	48399	22.013	ug/l	94
4) Vinyl Chloride	1.374	62	47126	21.231	ug/l	99
5) Bromomethane	1.605	94	34099	25.117	ug/l	98
6) Chloroethane	1.691	64	28125	21.759	ug/l	96
7) Trichlorofluoromethane	1.886	101	65791	21.476	ug/l	96
8) Diethyl Ether	2.130	74	25637	21.801	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	41306	23.860	ug/l	99
10) 1,1-Dichloroethene	2.319	96	40093	22.976	ug/l	98
11) Methyl Iodide	2.453	142	34313	17.944	ug/l	99
12) Methyl Acetate	2.697	43	132628	24.369	ug/l	99
13) Acrolein	2.233	56	45878	96.224	ug/l	97
14) Acrylonitrile	3.056	53	156685	117.707	ug/l	99
15) Acetone	2.374	58	55369	114.431	ug/l	96
16) Carbon Disulfide	2.514	76	112999	21.381	ug/l	97
17) Allyl chloride	2.660	41	80990	23.379	ug/l	98
18) Methylene Chloride	2.788	84	46701	22.577	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	44852	22.726	ug/l	98
20) Diisopropyl ether	3.751	45	158085	23.980	ug/l	98
21) 1,1-Dichloroethane	3.605	63	84735	23.118	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	51298	22.428	ug/l	97
23) tert-Butyl Alcohol	2.947	59	74098	100.551	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	148365	23.080	ug/l	99
25) Chloroform	5.087	83	83955	22.822	ug/l	92
26) Cyclohexane	5.465	56	76885	23.176	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	63532	21.468	ug/l	98
30) 2-Butanone	4.544	43	242638	108.898	ug/l	99
31) 2,2-Dichloropropane	4.471	77	73325	21.670	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	72409	21.169	ug/l	98
33) Carbon Tetrachloride	5.672	117	60440	20.977	ug/l	97
34) Benzene	6.031	78	188079	21.817	ug/l	97
35) Methacrylonitrile	4.910	41	42592	21.580	ug/l	95
36) 1,2-Dichloroethane	6.080	62	67022	21.188	ug/l	99
37) Trichloroethene	7.123	130	46740	21.362	ug/l	95
38) Methylcyclohexane	7.379	83	80732	21.894	ug/l	99
39) 1,2-Dichloropropane	7.428	63	51556	22.676	ug/l	97
40) Dibromomethane	7.574	93	33777	21.026	ug/l	98
41) Bromodichloromethane	7.818	83	66857	21.664	ug/l	95
42) Vinyl Acetate	3.715	43	584671	110.171	ug/l	100

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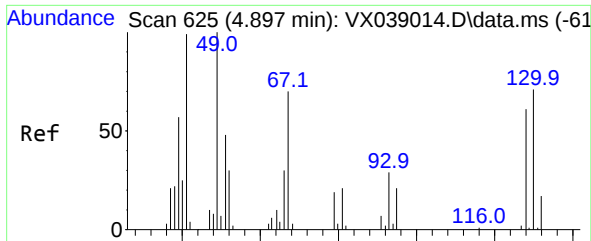
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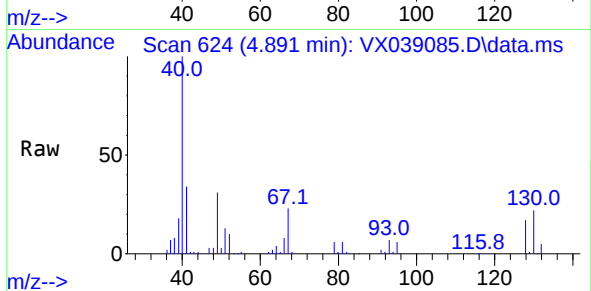
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	83055	21.667	ug/l	99
44) Isopropyl Acetate	6.330	43	133934	22.164	ug/l	100
45) 1,4-Dioxane	7.653	88	23617	382.840	ug/l	94
46) Methyl methacrylate	7.690	41	76614	22.175	ug/l	96
47) n-amyl Acetate	10.842	43	112528	22.001	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	75720	21.160	ug/l	96
49) cis-1,3-Dichloropropene	8.360	75	80847	21.901	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	48056	22.022	ug/l	96
51) Ethyl methacrylate	9.110	69	59996	21.963	ug/l	97
52) 1,3-Dichloropropane	9.305	76	82521	22.054	ug/l	99
53) Dibromochloromethane	9.519	129	48754	20.803	ug/l	99
54) 1,2-Dibromoethane	9.604	107	50595	21.142	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	162999	94.141	ug/l	99
56) Bromoform	10.799	173	33984	20.092	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	448799	114.340	ug/l	99
59) 2-Hexanone	9.427	43	366673	113.807	ug/l	99
61) Tetrachloroethene	9.269	164	36360	21.606	ug/l	95
62) Toluene	8.714	91	203898	22.188	ug/l	98
64) Chlorobenzene	10.080	112	120847	21.619	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	43739	21.727	ug/l	99
66) Ethyl Benzene	10.189	91	231453	22.119	ug/l	100
67) m/p-Xylenes	10.299	106	169254	43.772	ug/l	100
68) o-Xylene	10.640	106	81452	21.746	ug/l	99
69) Styrene	10.653	104	119185	21.501	ug/l	99
70) Isopropylbenzene	10.957	105	221251	22.078	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	83801	22.400	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	72417m	22.876	ug/l	
73) Bromobenzene	11.195	156	48175	21.115	ug/l	97
74) n-propylbenzene	11.305	91	274290	22.340	ug/l	99
75) 2-Chlorotoluene	11.360	91	158743	22.037	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	189994	22.007	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	26530	21.150	ug/l	98
78) 4-Chlorotoluene	11.451	91	187162	22.099	ug/l	99
79) tert-butylbenzene	11.713	119	179664	21.885	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	190389	22.035	ug/l	98
81) sec-Butylbenzene	11.890	105	230442	22.205	ug/l	99
82) p-Isopropyltoluene	12.006	119	192948	21.937	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	94626	21.672	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	95424	21.299	ug/l	99
85) n-Butylbenzene	12.329	91	193510	22.279	ug/l	99
86) Hexachloroethane	12.536	117	35916	21.551	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	89576	21.334	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	20123	21.032	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	60117	21.596	ug/l	97
90) Hexachlorobutadiene	13.725	225	22676	22.813	ug/l	99
91) Naphthalene	13.774	128	215427	20.984	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	58728	21.780	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

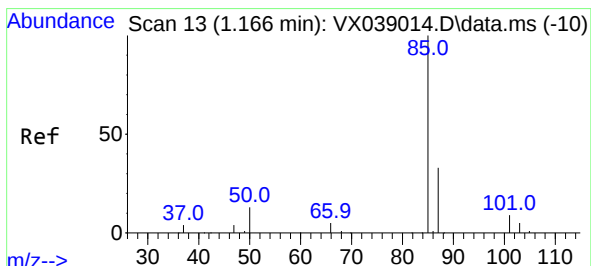
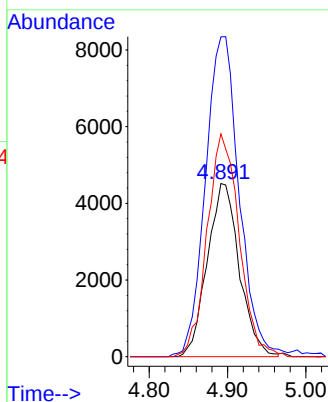
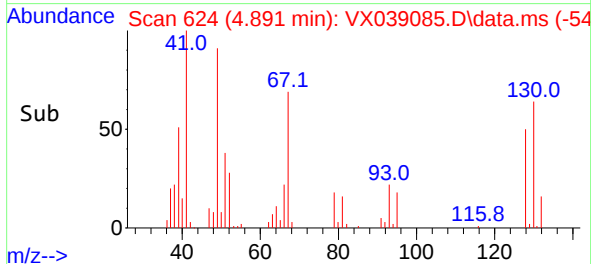
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



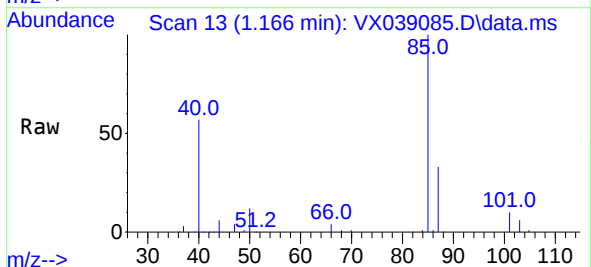
Tgt Ion:128 Resp: 12829
Ion Ratio Lower Upper
128 100
49 194.7 0.0 444.0
130 128.8 0.0 297.8

Manual Integrations
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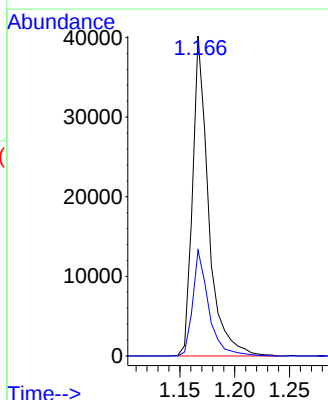
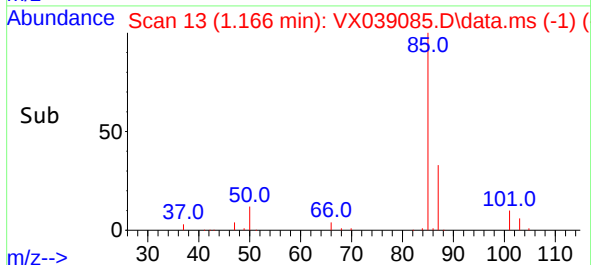
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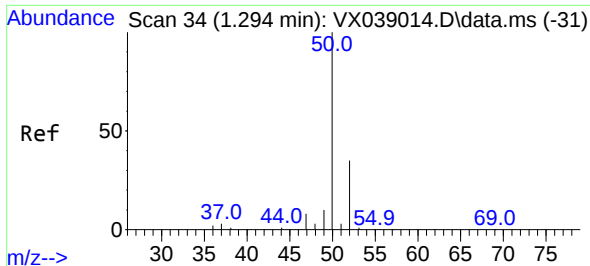


#2
Dichlorodifluoromethane
Concen: 21.260 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



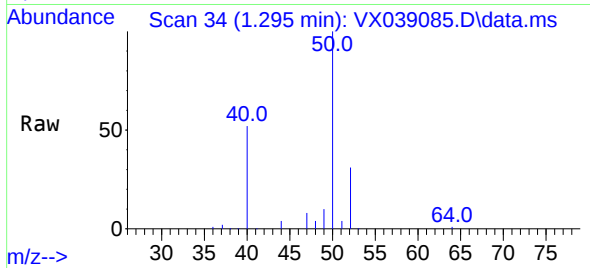
Tgt Ion: 85 Resp: 40823
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





#3
Chloromethane
Concen: 22.013 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

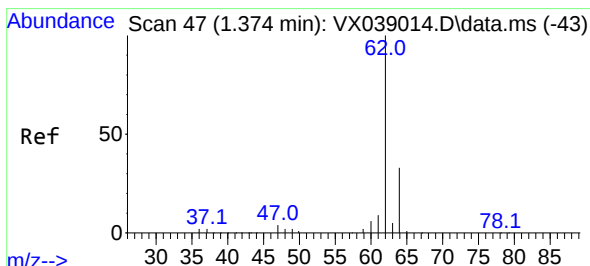
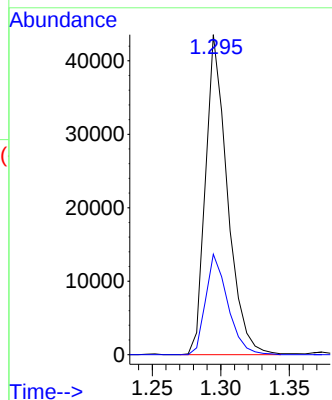
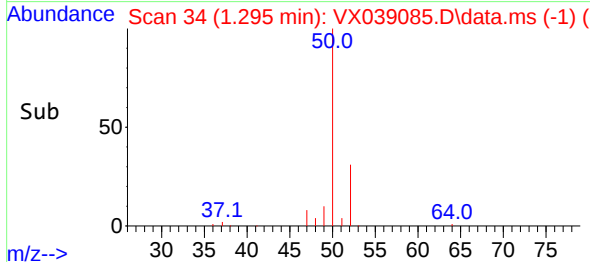
Instrument :
MSVOA_X
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VSTDCCC020



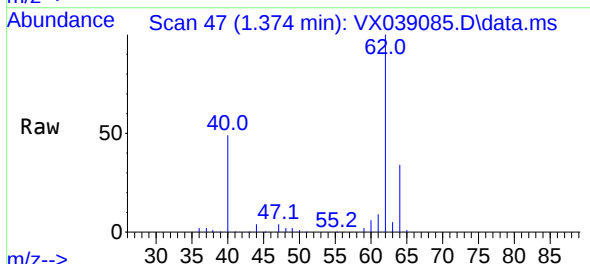
Tgt Ion: 50 Resp: 48399
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.8

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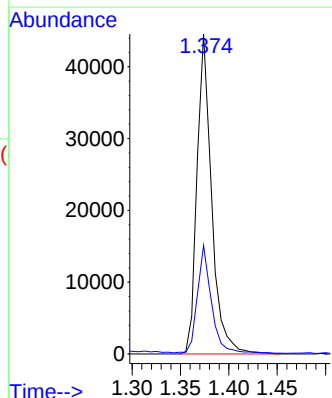
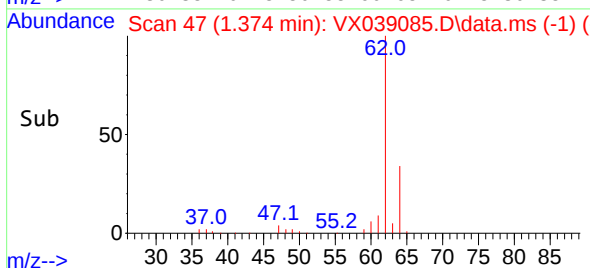
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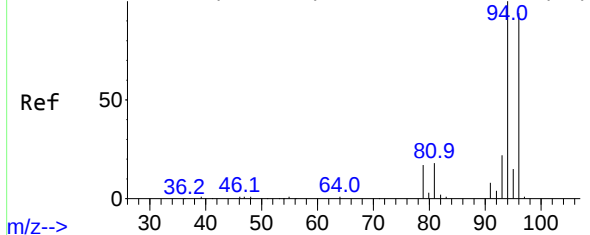
#4
Vinyl Chloride
Concen: 21.231 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion: 62 Resp: 47126
Ion Ratio Lower Upper
62 100
64 33.7 26.3 39.5



Abundance Scan 86 (1.611 min): VX039014.D\data.ms (-81)



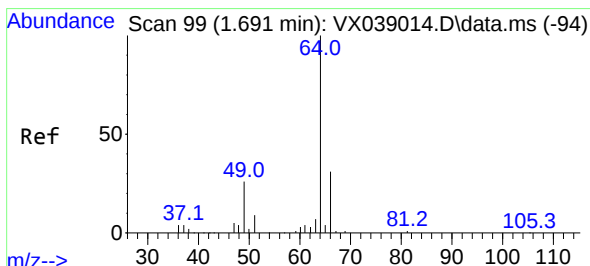
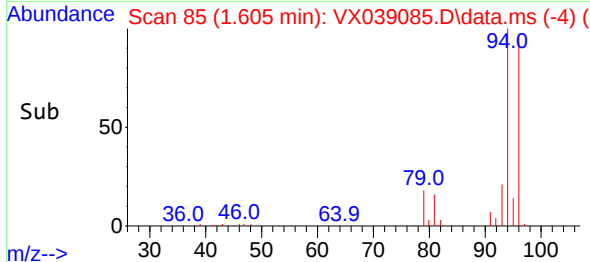
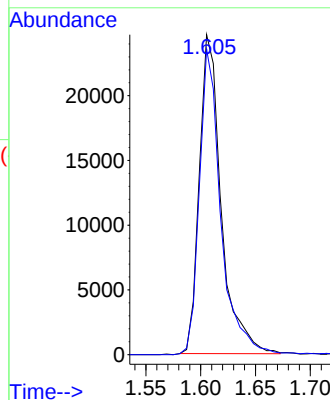
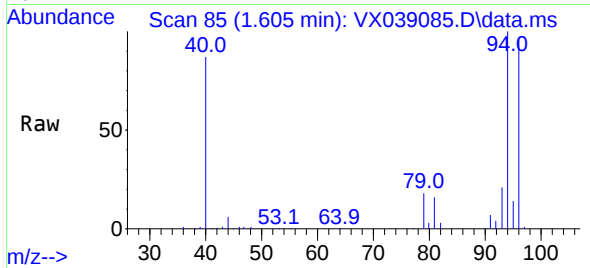
#5
Bromomethane
Concen: 25.117 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
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Tgt Ion: 94 Resp: 3409
Ion Ratio Lower Upper
94 100
96 95.5 74.9 112.3

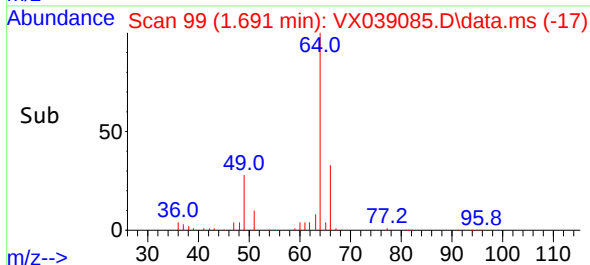
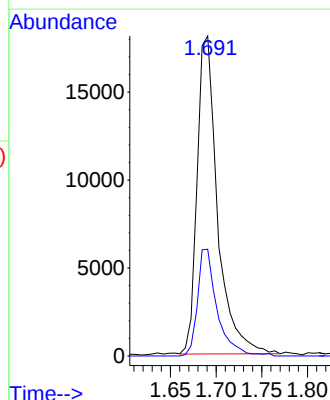
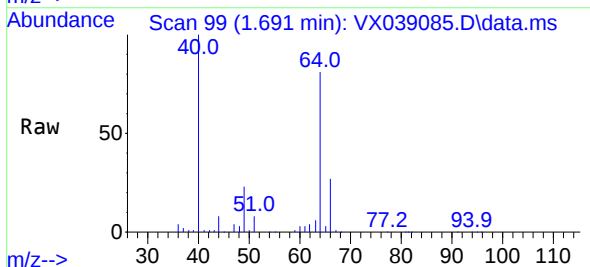
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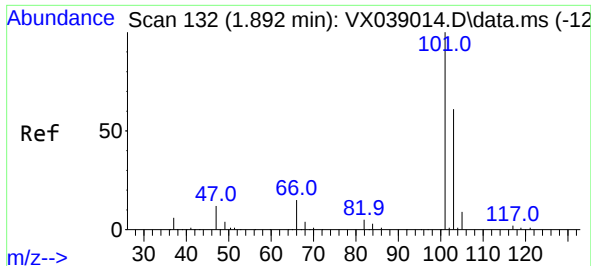
Reviewed By :John Carlone 12/08/2023
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#6
Chloroethane
Concen: 21.759 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Tgt Ion: 64 Resp: 28125
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.6





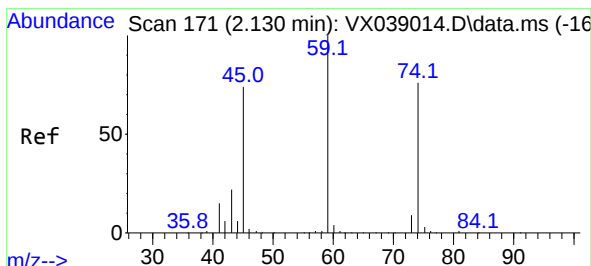
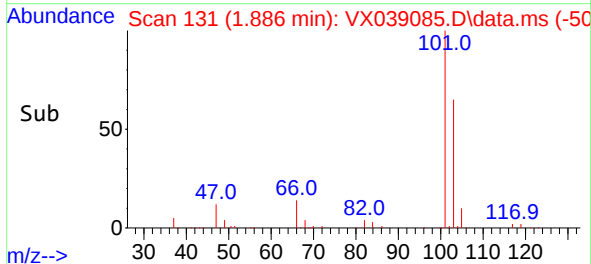
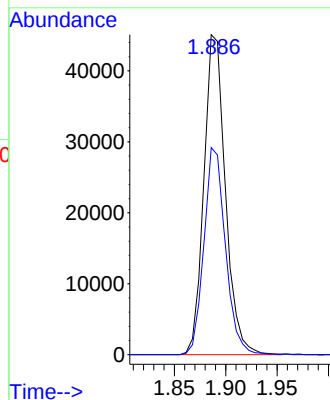
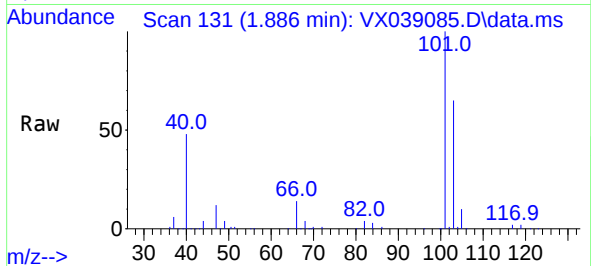
#7
Trichlorofluoromethane
Concen: 21.476 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
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Tgt Ion:101 Resp: 6579
Ion Ratio Lower Upper
101 100
103 64.7 49.1 73.7

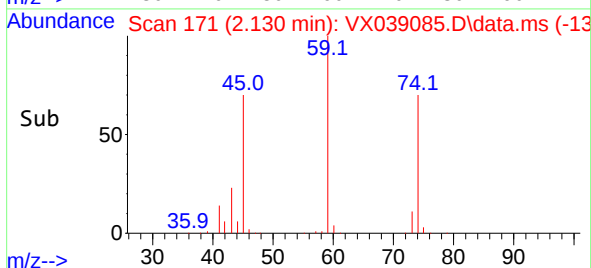
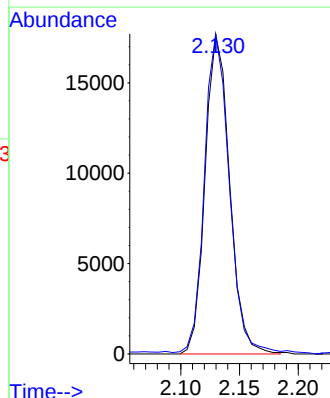
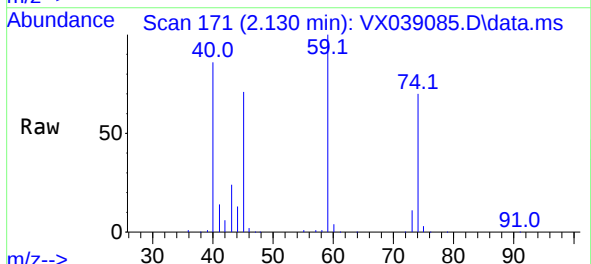
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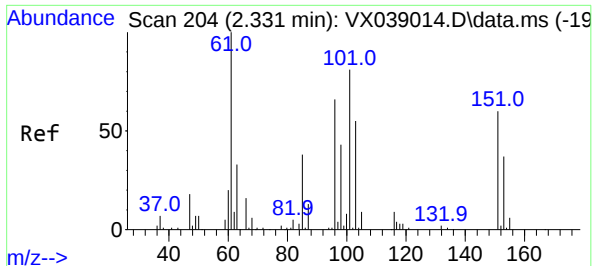
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#8
Diethyl Ether
Concen: 21.801 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Tgt Ion: 74 Resp: 25637
Ion Ratio Lower Upper
74 100
45 102.3 20.5 184.5





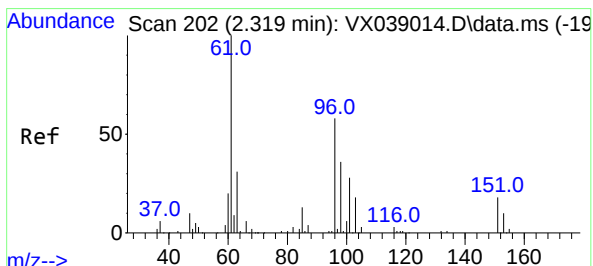
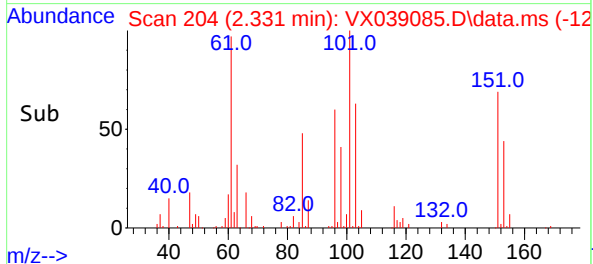
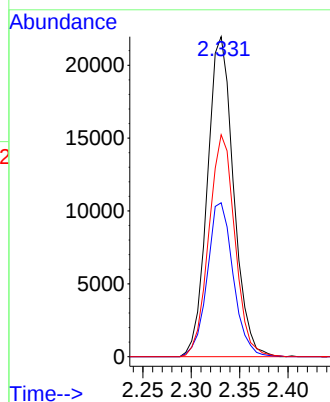
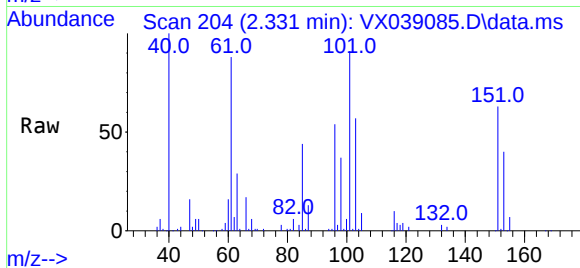
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1,1,2-Trichlorotrifluoroethane
Concen: 23.860 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 41300
Ion Ratio Lower Upper
101 100
85 47.8 0.0 95.2
151 69.0 0.0 136.8

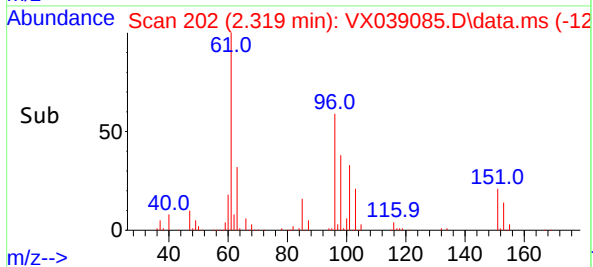
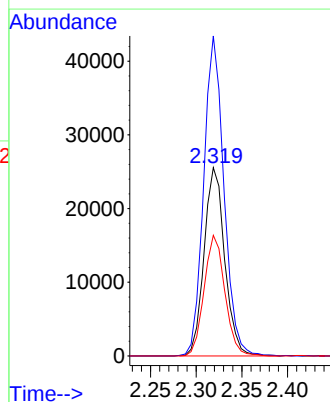
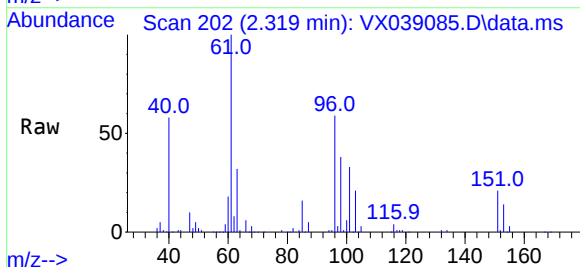
Manual Integrations
APPROVED

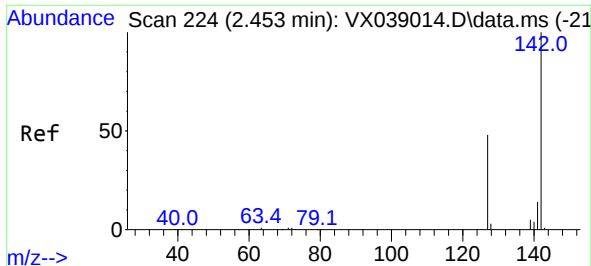
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#10
1,1-Dichloroethene
Concen: 22.976 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Tgt Ion: 96 Resp: 40093
Ion Ratio Lower Upper
96 100
61 169.9 138.3 207.5
98 64.1 49.8 74.6





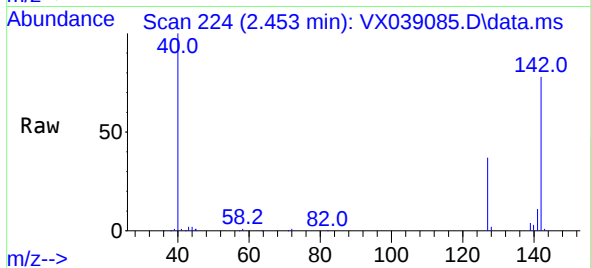
#11
Methyl Iodide
Concen: 17.944 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



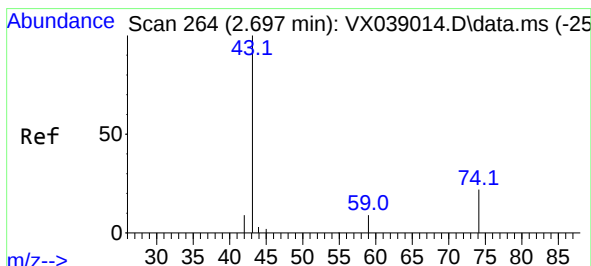
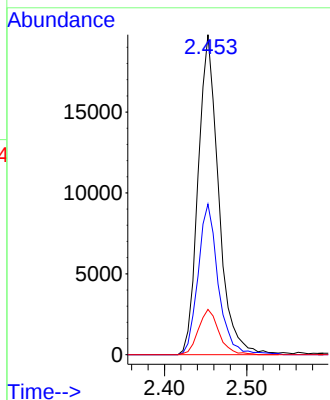
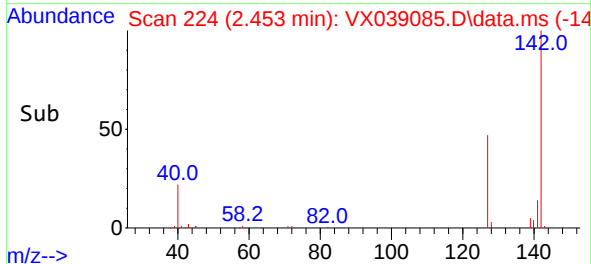
Tgt Ion:142 Resp: 3431
Ion Ratio Lower Upper
142 100
127 47.0 23.8 71.4
141 14.2 6.9 20.6

Manual Integrations

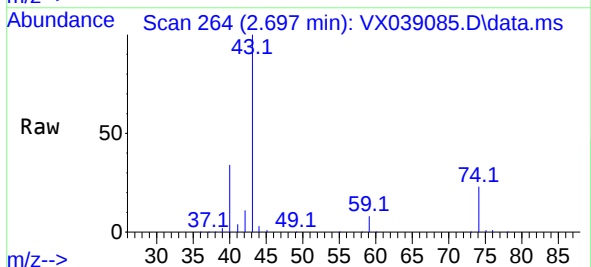
APPROVED

Reviewed By :John Carlone 12/08/2023

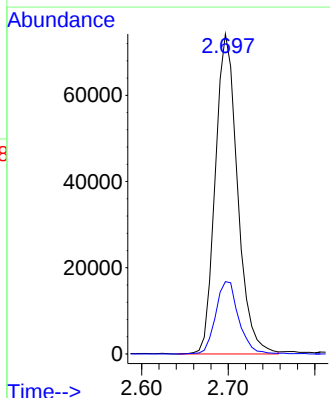
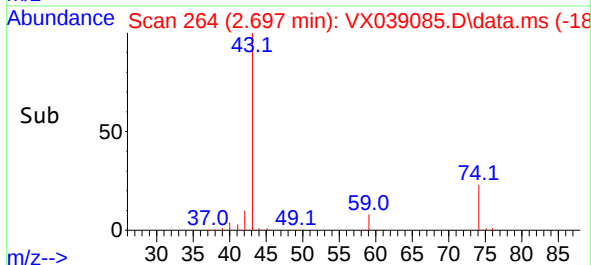
Supervised By :Mahesh Dadoda 12/08/2023

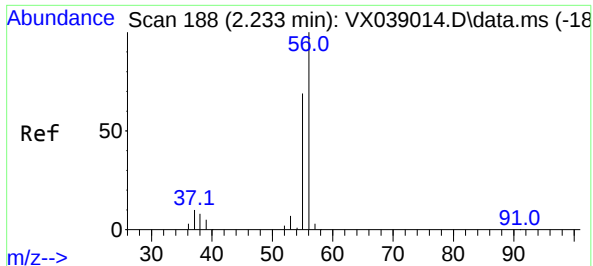


#12
Methyl Acetate
Concen: 24.369 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



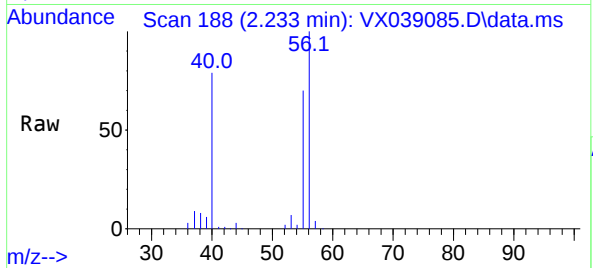
Tgt Ion: 43 Resp: 132628
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6





#13
Acrolein
Concen: 96.224 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

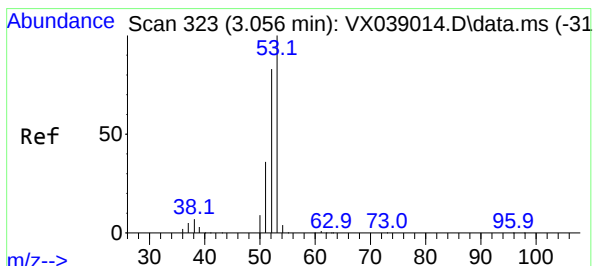
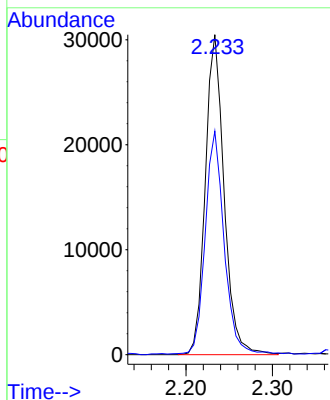
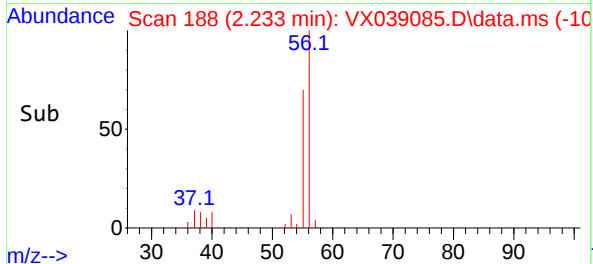
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



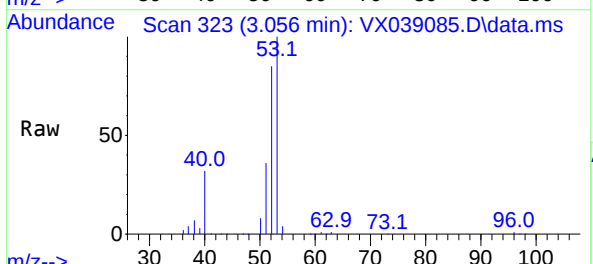
Tgt Ion: 56 Resp: 45878
Ion Ratio Lower Upper
56 100
55 69.4 57.2 85.8

Manual Integrations
APPROVED

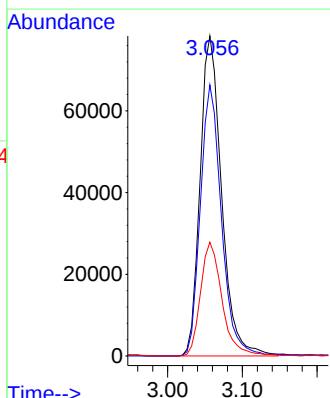
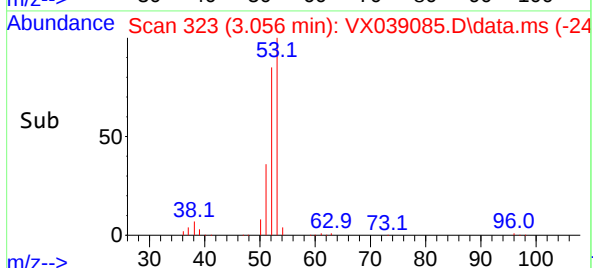
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

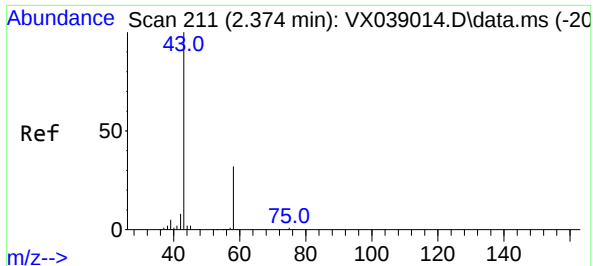


#14
Acrylonitrile
Concen: 117.707 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



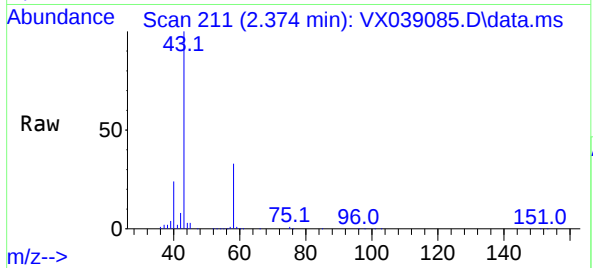
Tgt Ion: 53 Resp: 156685
Ion Ratio Lower Upper
53 100
52 82.6 41.9 125.6
51 35.7 18.3 54.9





#15
Acetone
Concen: 114.431 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

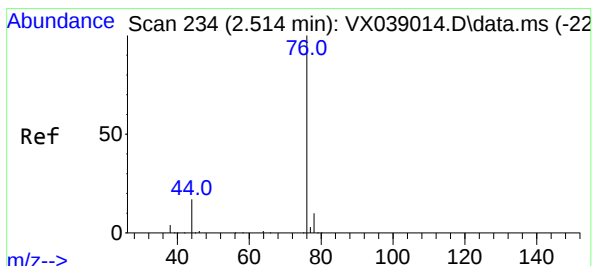
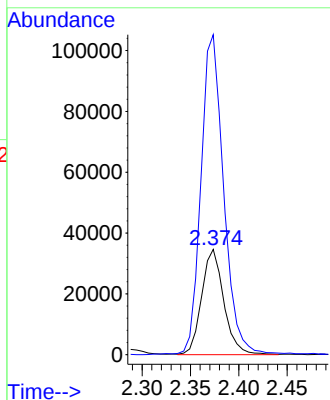
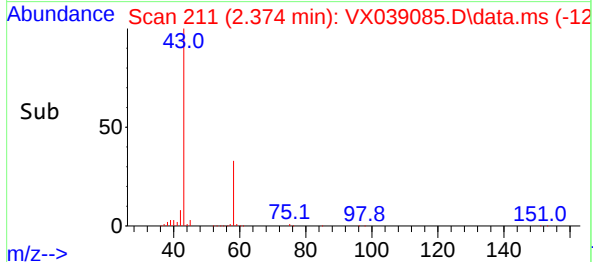
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



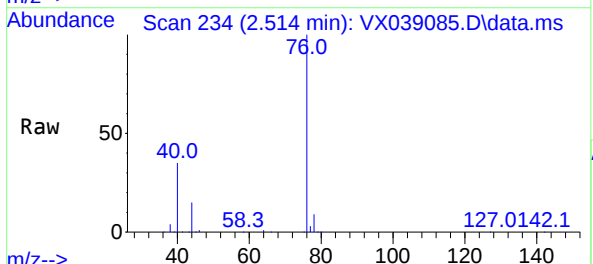
Tgt Ion: 58 Resp: 55369
Ion Ratio Lower Upper
58 100
43 303.9 249.9 374.9

Manual Integrations
APPROVED

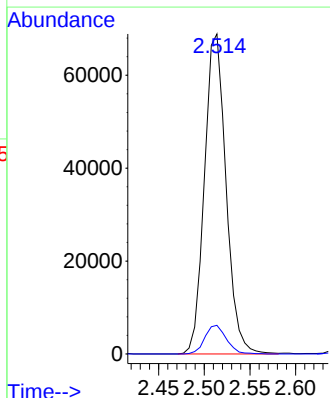
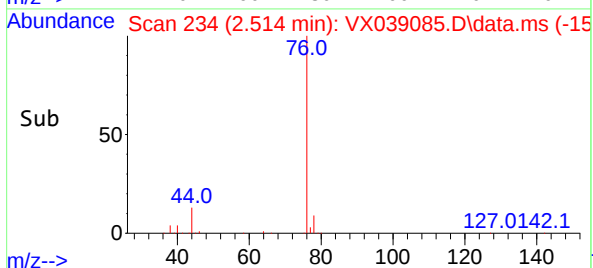
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

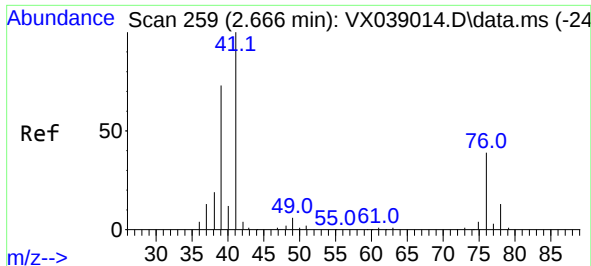


#16
Carbon Disulfide
Concen: 21.381 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion: 76 Resp: 112999
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0





#17
 Allyl chloride
 Concen: 23.379 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX039085.D
 Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

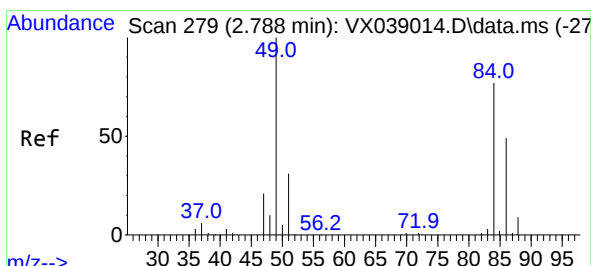
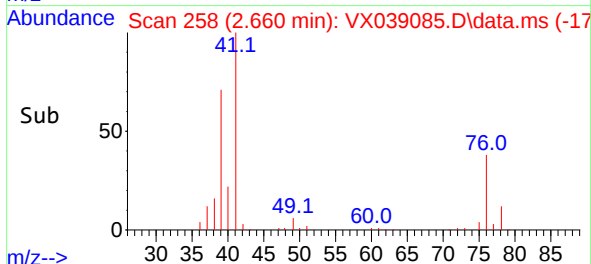
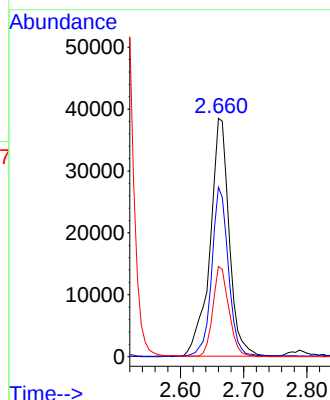
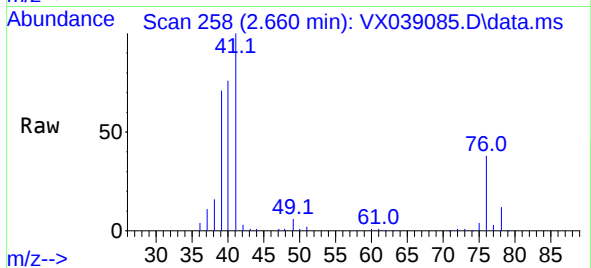
VSTDCCC020

Tgt Ion: 41 Resp: 80990
 Ion Ratio Lower Upper
 41 100
 39 71.0 36.5 109.5
 76 37.9 19.7 59.0

Manual Integrations

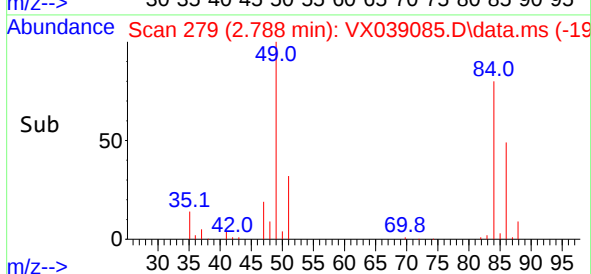
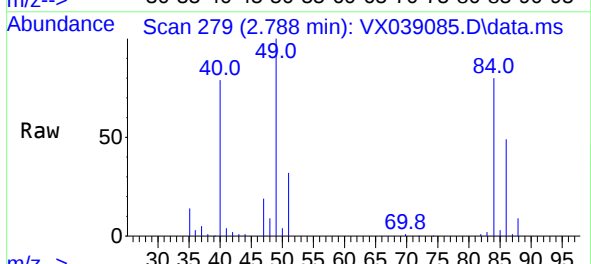
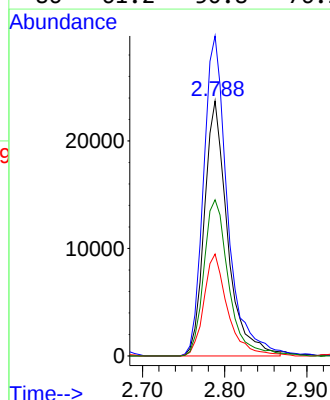
APPROVED

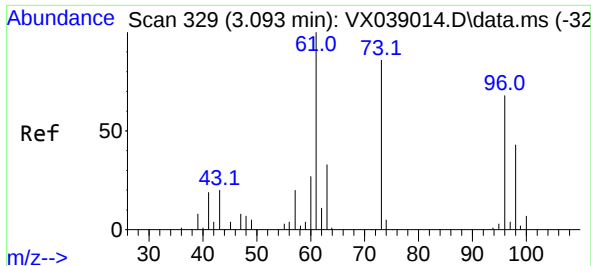
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#18
 Methylene Chloride
 Concen: 22.577 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039085.D
 Acq: 06 Dec 2023 10:12

Tgt Ion: 84 Resp: 46701
 Ion Ratio Lower Upper
 84 100
 49 125.5 103.8 155.8
 51 39.9 31.8 47.6
 86 61.2 50.8 76.2





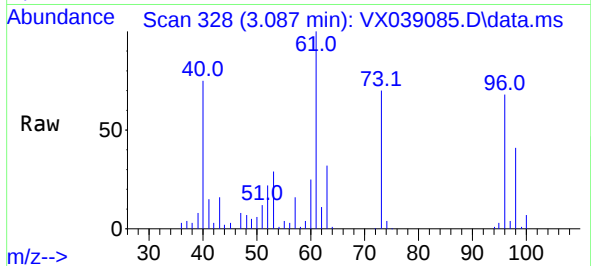
#19
trans-1,2-Dichloroethene
Concen: 22.726 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

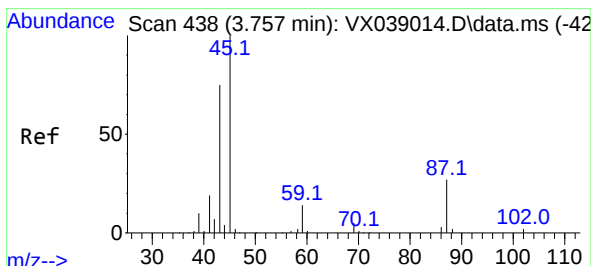
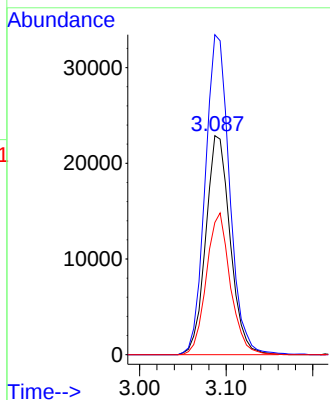
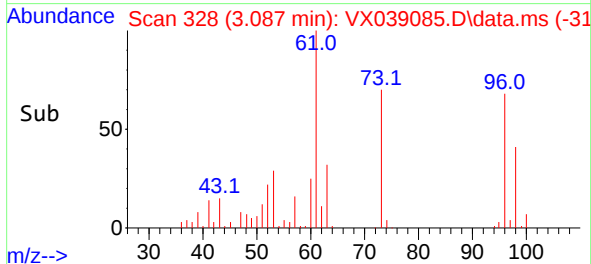


Tgt Ion: 96 Resp: 4485
Ion Ratio Lower Upper
96 100
61 146.1 117.9 176.9
98 60.4 51.0 76.6

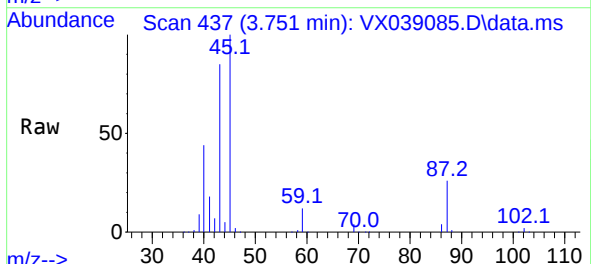
Manual Integrations

APPROVED

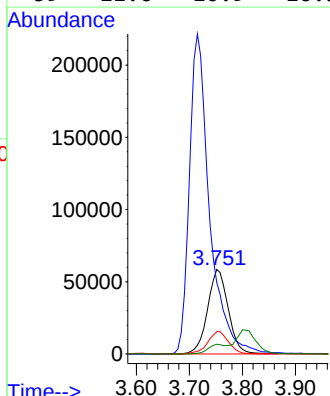
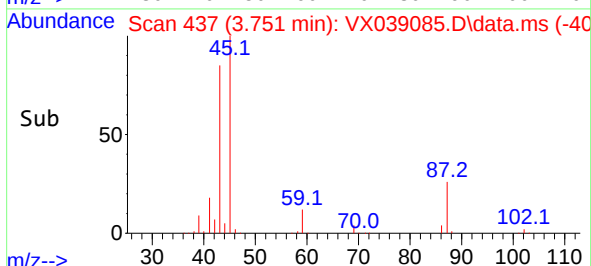
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

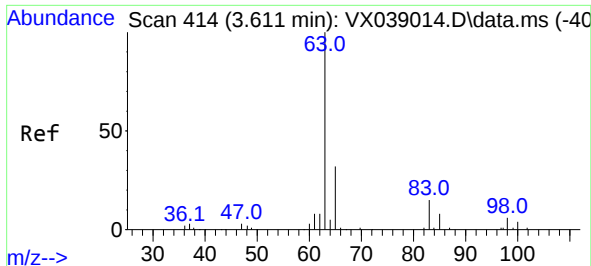


#20
Diisopropyl ether
Concen: 23.980 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



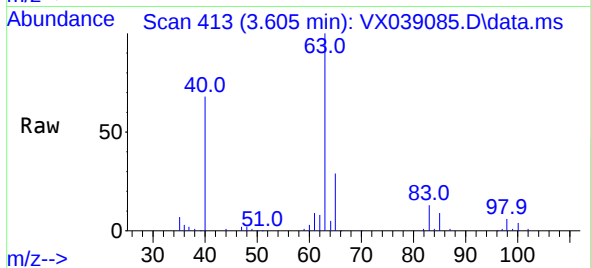
Tgt Ion: 45 Resp: 158085
Ion Ratio Lower Upper
45 100
43 83.0 67.7 101.5
87 26.4 21.5 32.3
59 11.6 10.9 16.3





#21
1,1-Dichloroethane
Concen: 23.118 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

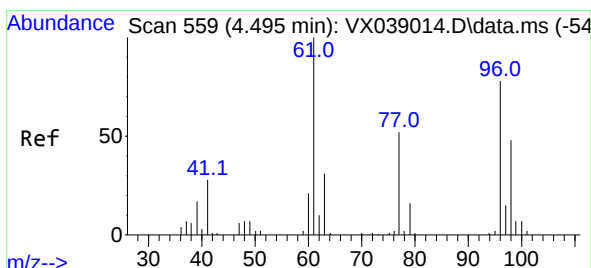
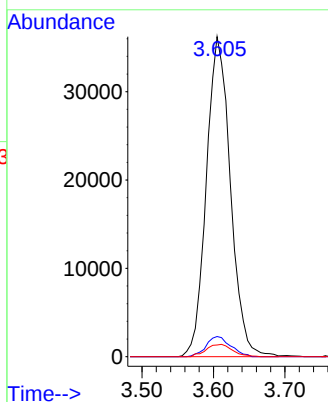
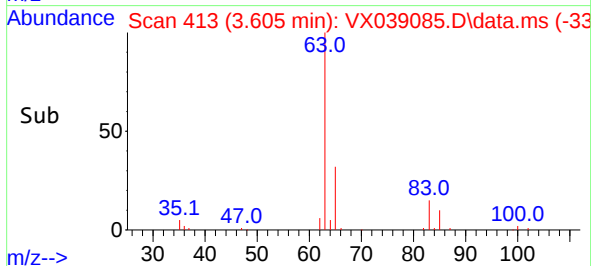
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 84735
Ion Ratio Lower Upper
63 100
98 6.3 2.9 8.8
100 3.6 2.0 5.8

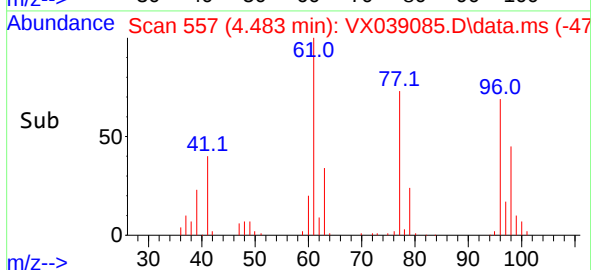
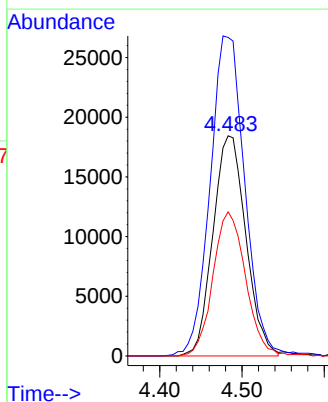
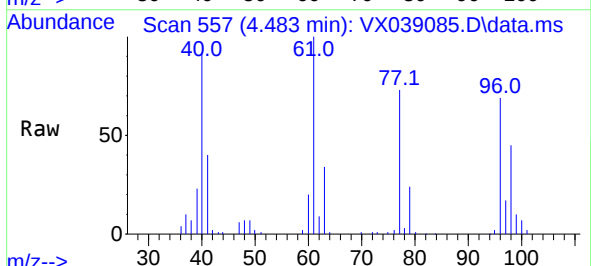
Manual Integrations
APPROVED

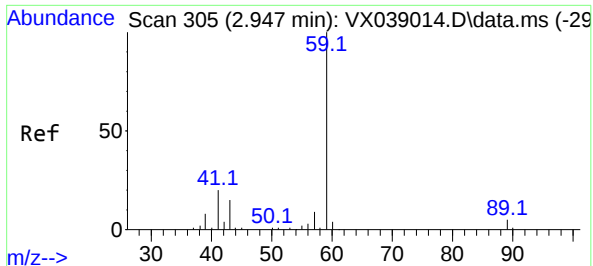
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#22
cis-1,2-Dichloroethene
Concen: 22.428 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

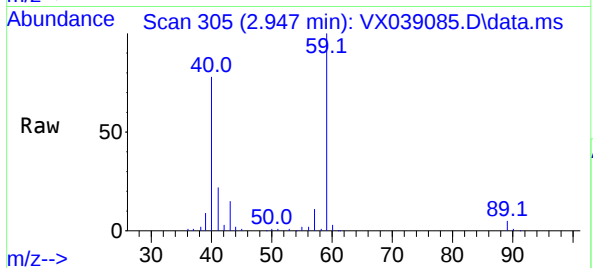
Tgt Ion: 96 Resp: 51298
Ion Ratio Lower Upper
96 100
61 153.6 119.8 179.6
98 64.8 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 100.551 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

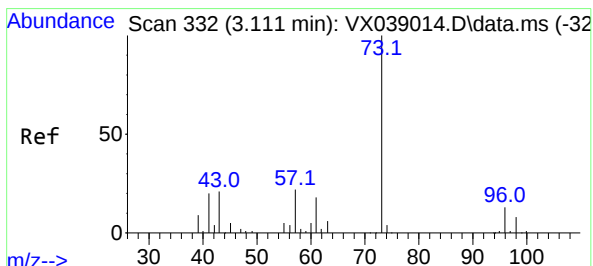
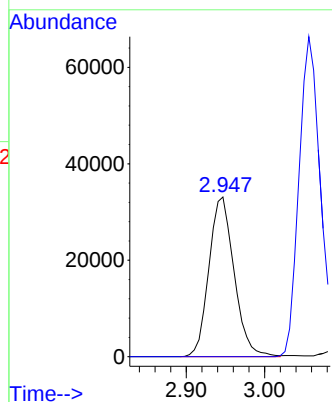
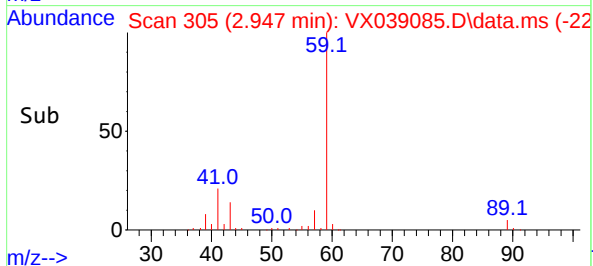
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



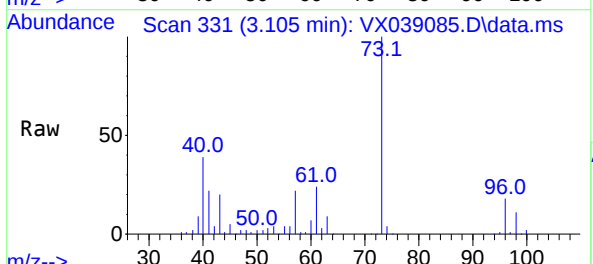
Tgt Ion: 59 Resp: 74098
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

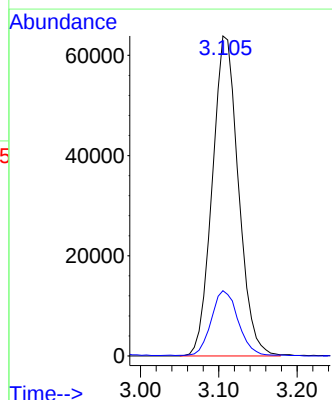
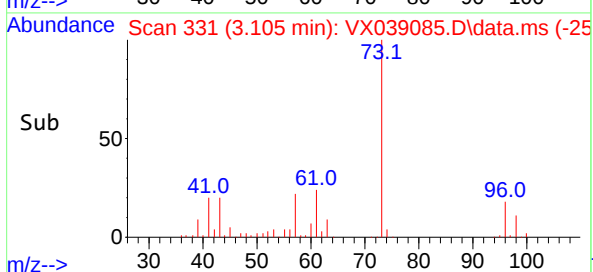
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

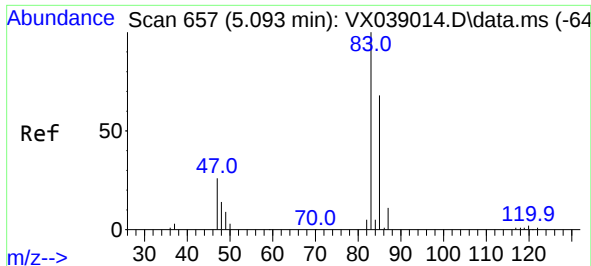


#24
Methyl tert-Butyl Ether
Concen: 23.080 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



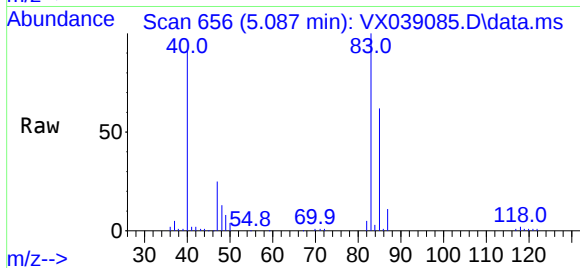
Tgt Ion: 73 Resp: 148365
Ion Ratio Lower Upper
73 100
43 20.7 17.0 25.6





#25
Chloroform
Concen: 22.822 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

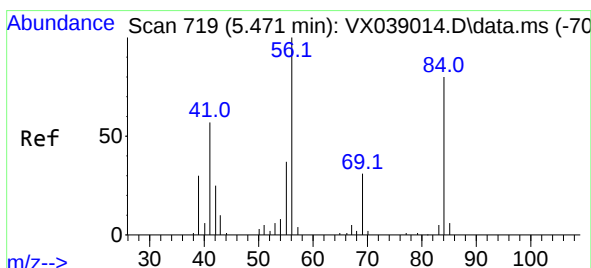
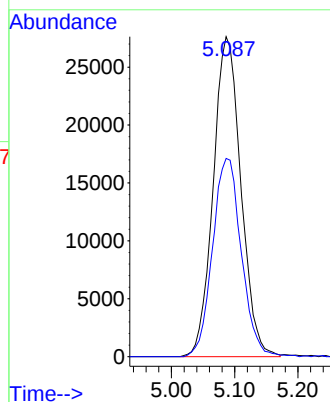
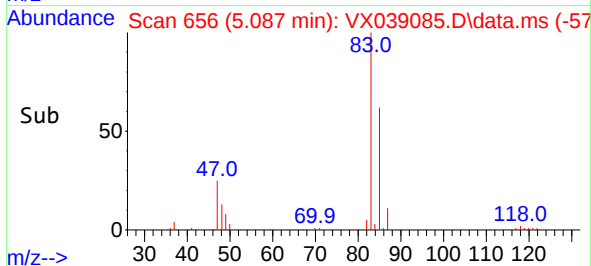
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



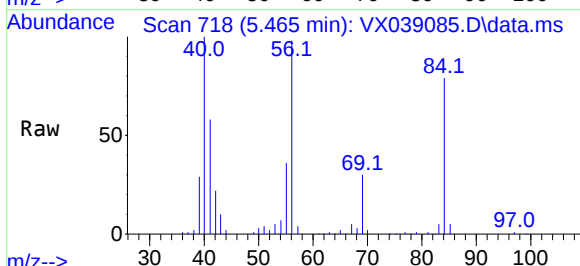
Tgt Ion: 83 Resp: 8395
Ion Ratio Lower Upper
83 100
85 61.9 54.6 81.8

Manual Integrations
APPROVED

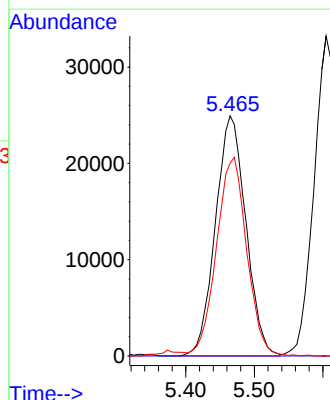
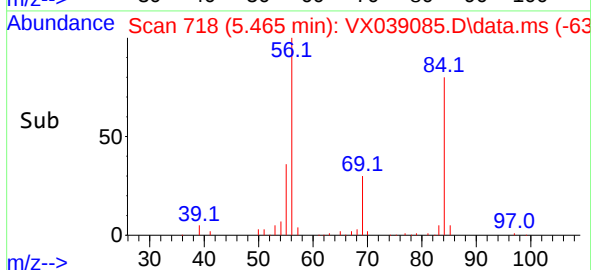
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

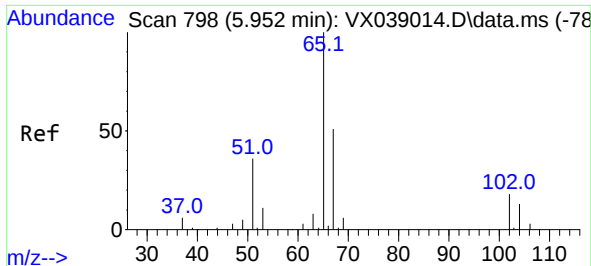


#26
Cyclohexane
Concen: 23.176 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



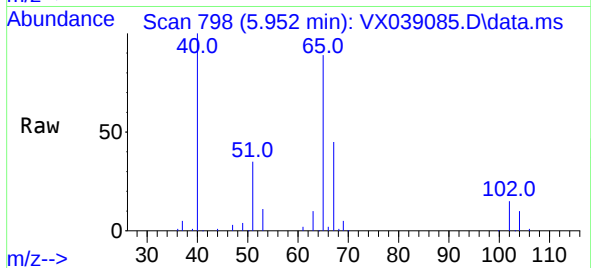
Tgt Ion: 56 Resp: 76885
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.4 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 30.378 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

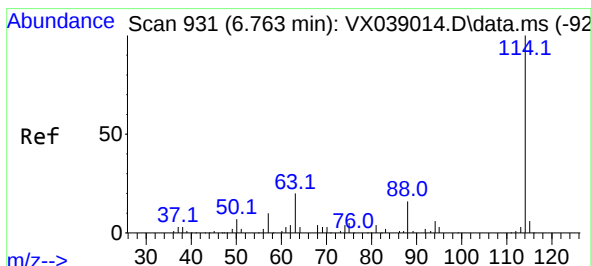
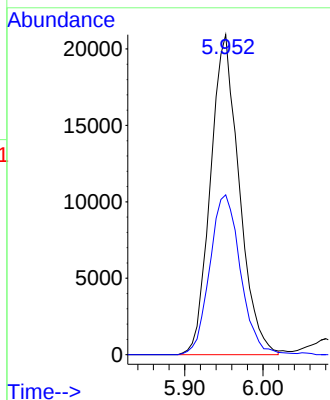
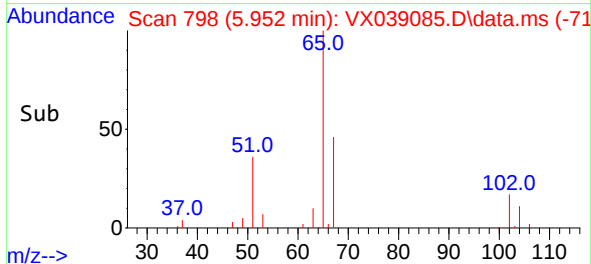
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



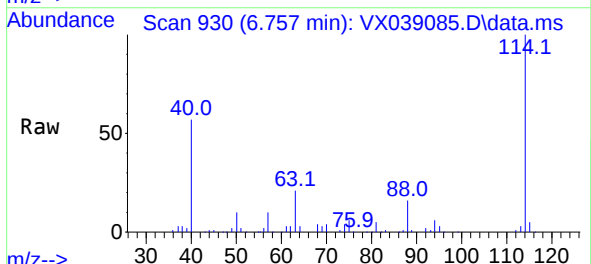
Tgt Ion: 65 Resp: 5331
Ion Ratio Lower Upper
65 100
67 53.5 42.5 63.7

Manual Integrations
APPROVED

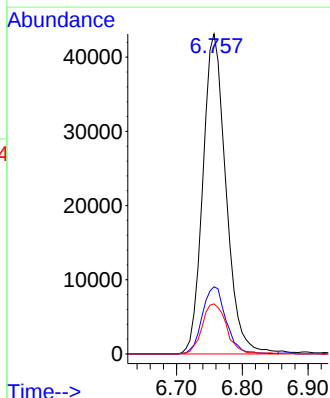
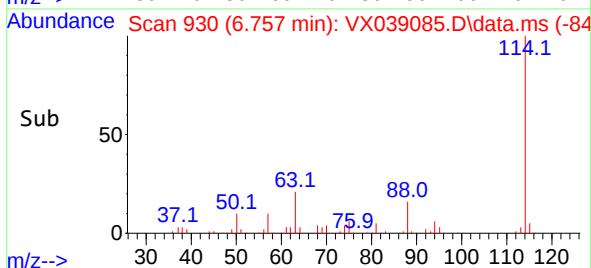
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

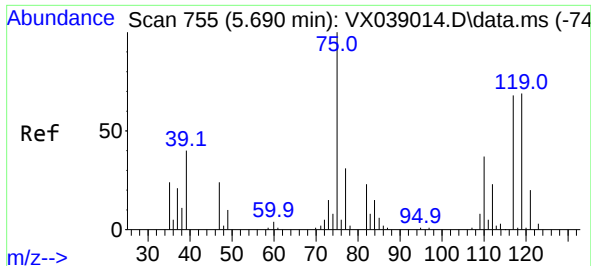


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion:114 Resp: 105569
Ion Ratio Lower Upper
114 100
63 21.3 17.0 25.4
88 16.4 12.7 19.1





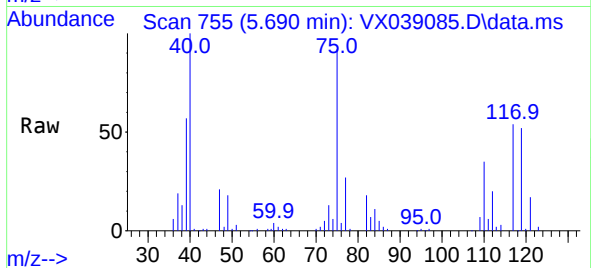
#29
1,1-Dichloropropene
Concen: 21.468 ug/l
RT: 5.690 min Scan# 74
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



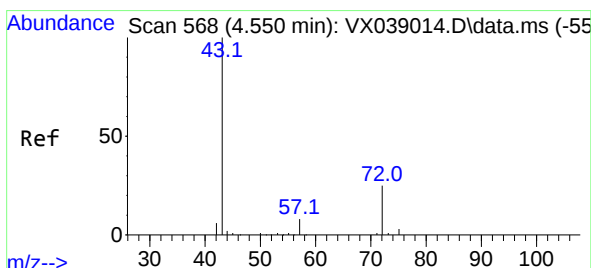
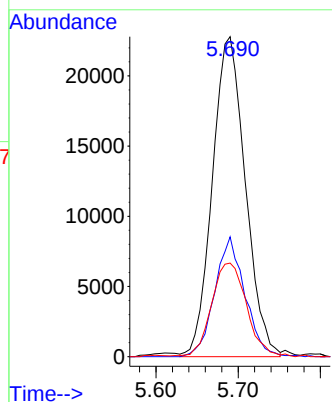
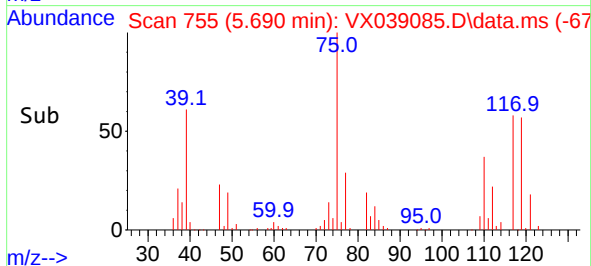
Tgt Ion: 75 Resp: 63532
Ion Ratio Lower Upper
75 100
110 34.1 0.0 71.2
77 31.0 0.0 62.6

Manual Integrations

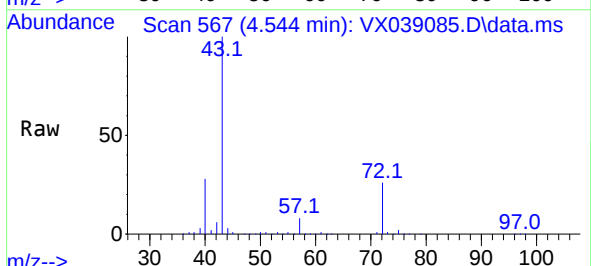
APPROVED

Reviewed By :John Carlone 12/08/2023

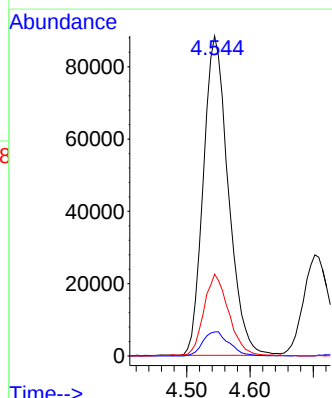
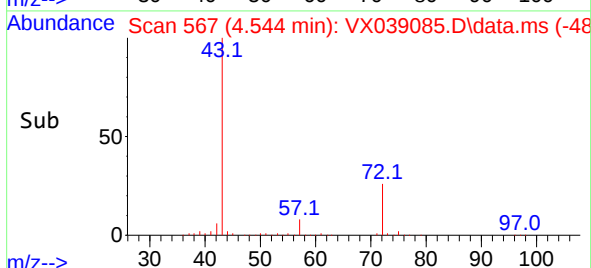
Supervised By :Mahesh Dadoda 12/08/2023

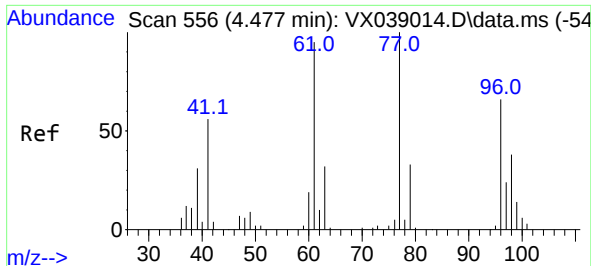


#30
2-Butanone
Concen: 108.898 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion: 43 Resp: 242638
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.6 20.6 31.0





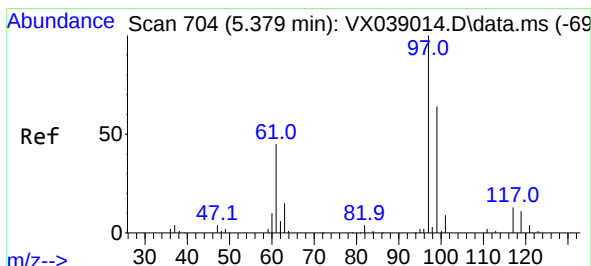
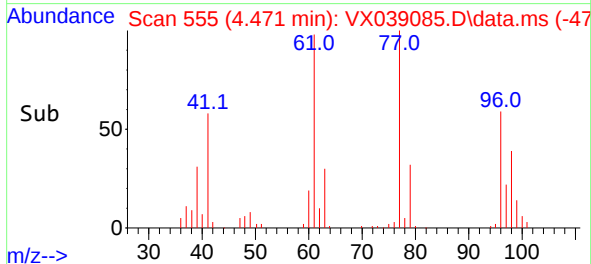
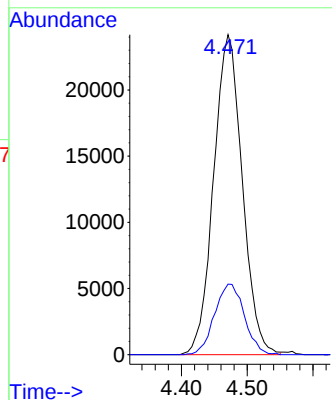
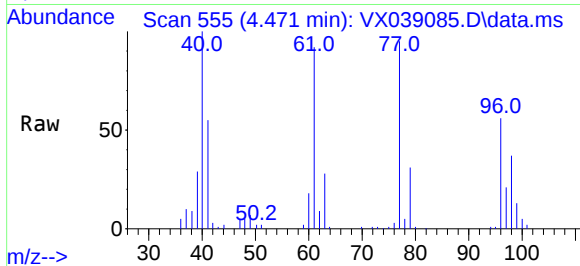
#31
2,2-Dichloropropane
Concen: 21.670 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 7332
Ion Ratio Lower Upper
77 100
97 22.9 18.2 27.4

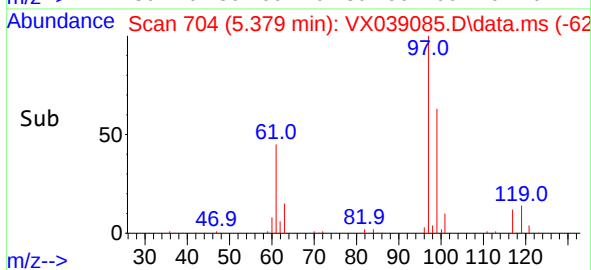
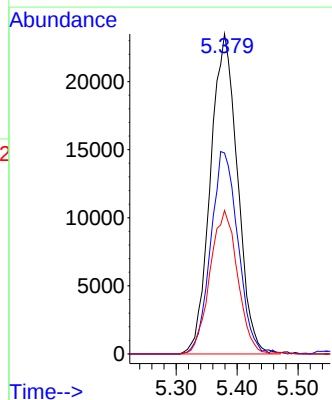
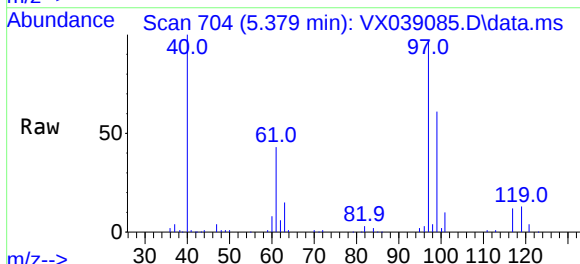
Manual Integrations
APPROVED

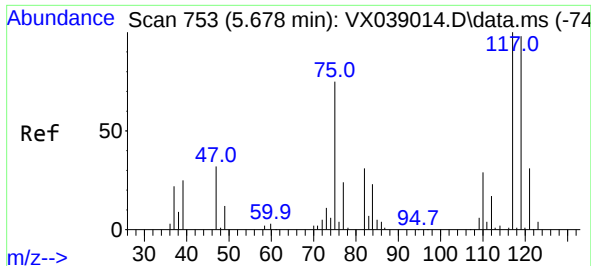
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#32
1,1,1-Trichloroethane
Concen: 21.169 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

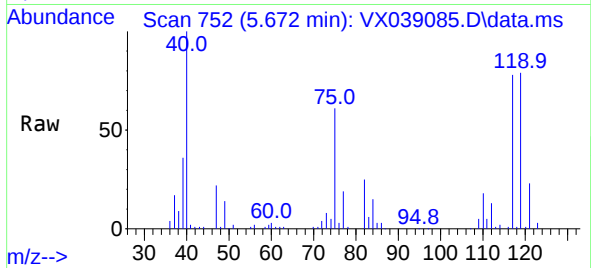
Tgt Ion: 97 Resp: 72409
Ion Ratio Lower Upper
97 100
99 63.6 52.6 79.0
61 45.7 36.9 55.3





#33
Carbon Tetrachloride
Concen: 20.977 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

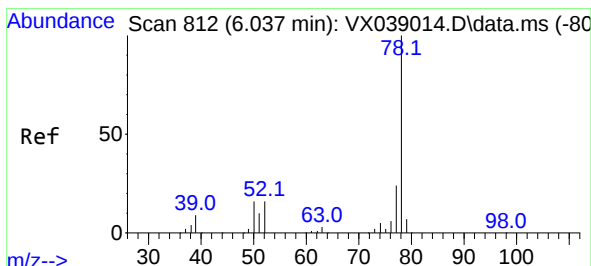
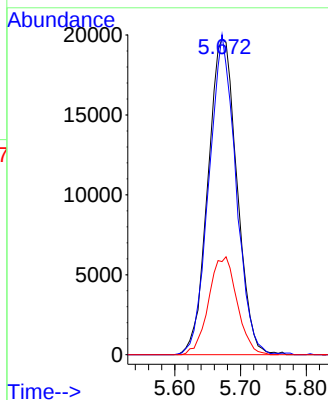
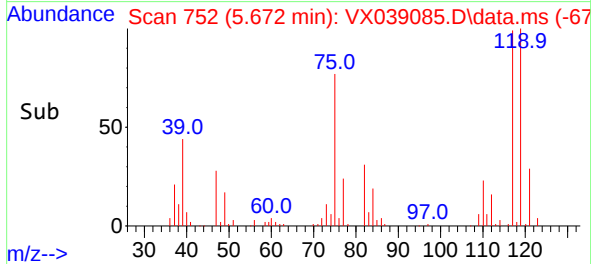
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



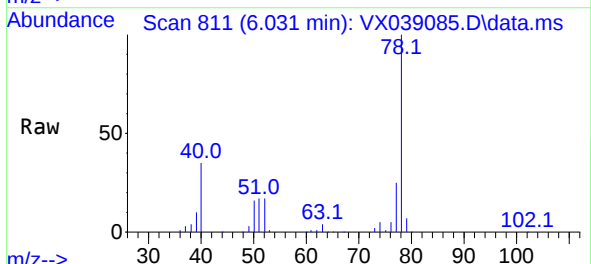
Tgt Ion:117 Resp: 60440
Ion Ratio Lower Upper
117 100
119 101.0 78.2 117.4
121 29.5 24.7 37.1

Manual Integrations
APPROVED

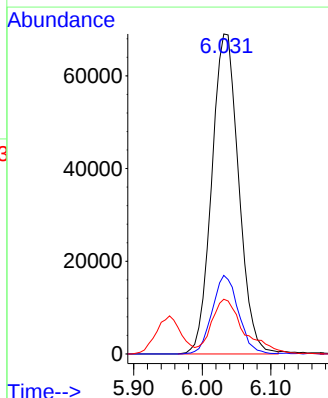
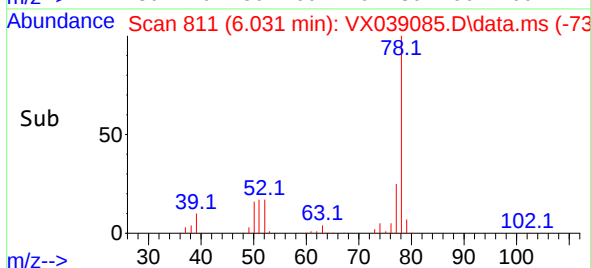
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

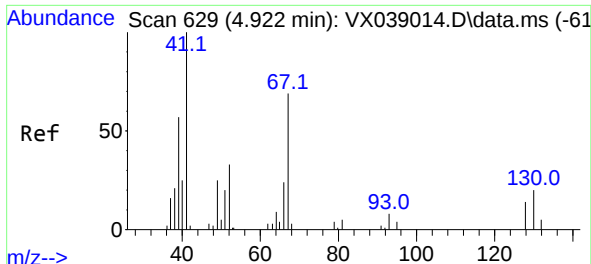


#34
Benzene
Concen: 21.817 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



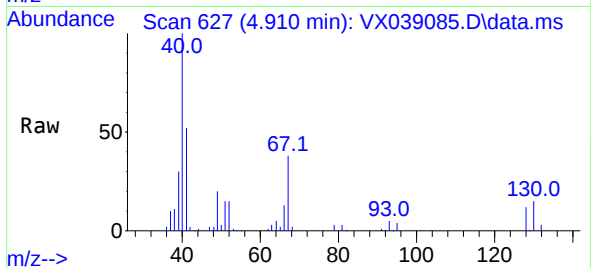
Tgt Ion: 78 Resp: 188079
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9
51 15.9 14.4 21.6





#35
Methacrylonitrile
Concen: 21.580 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

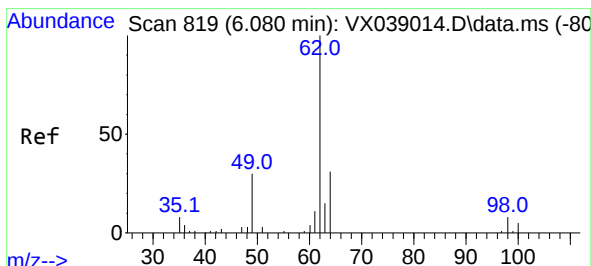
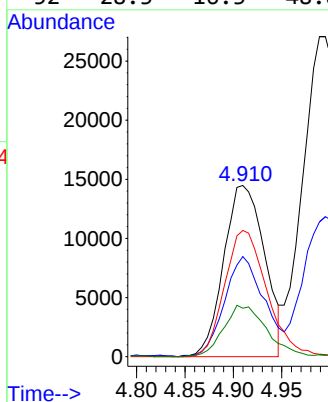
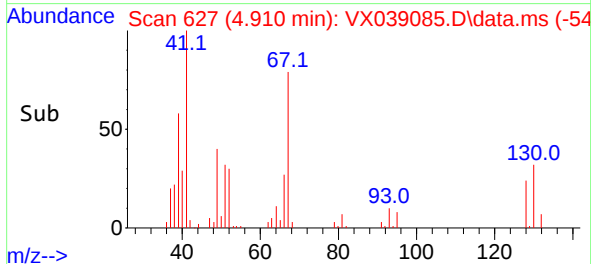
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



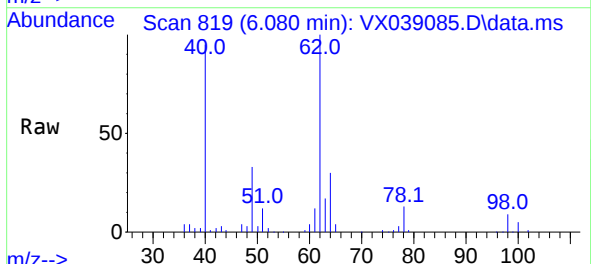
Tgt Ion: 41 Resp: 42592
Ion Ratio Lower Upper
41 100
39 58.5 28.2 84.7
67 73.8 34.5 103.5
52 28.3 16.3 48.8

Manual Integrations
APPROVED

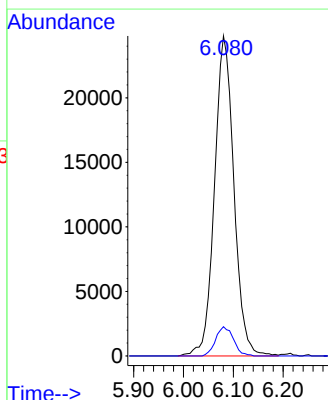
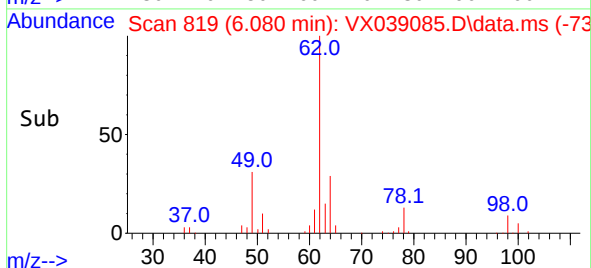
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

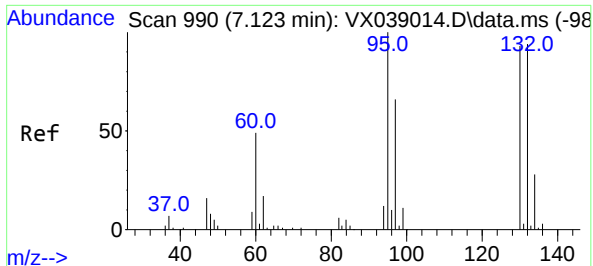


#36
1,2-Dichloroethane
Concen: 21.188 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



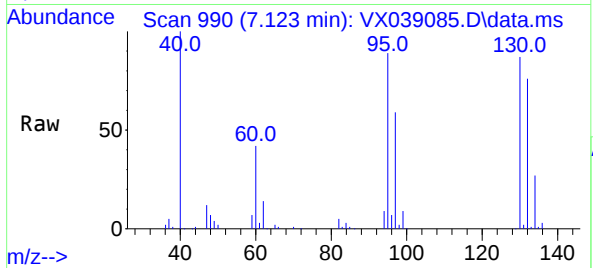
Tgt Ion: 62 Resp: 67022
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.4





#37
Trichloroethene
Concen: 21.362 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

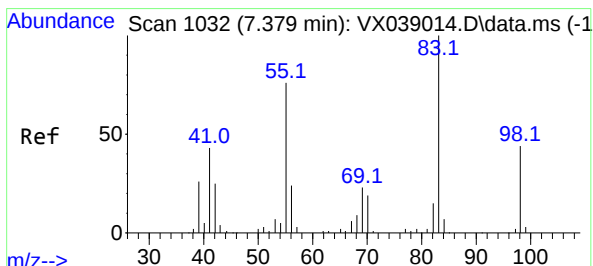
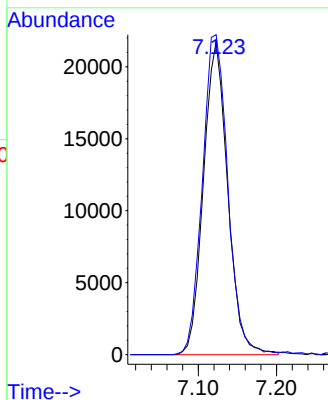
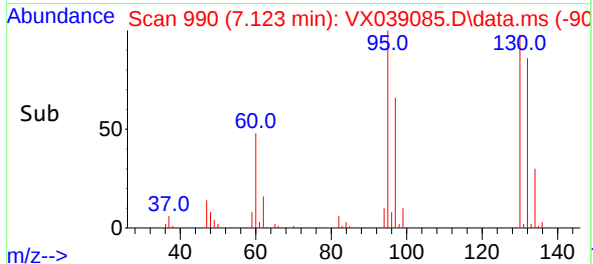
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



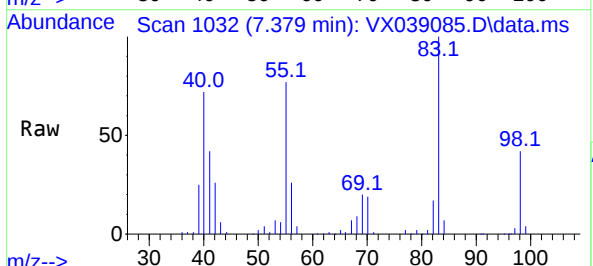
Tgt Ion:130 Resp: 46740
Ion Ratio Lower Upper
130 100
95 102.0 85.8 128.8

Manual Integrations
APPROVED

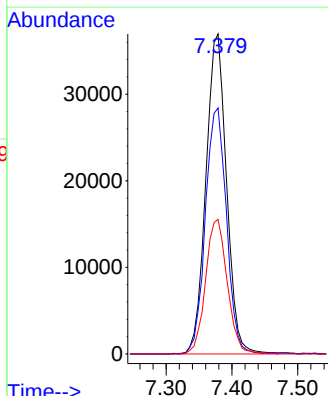
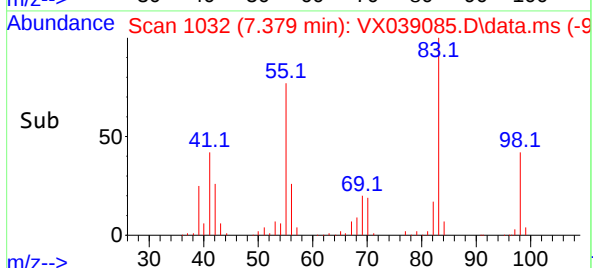
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

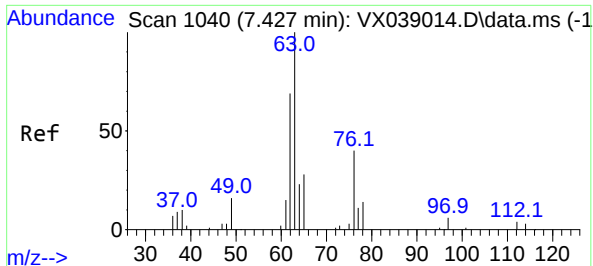


#38
Methylcyclohexane
Concen: 21.894 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



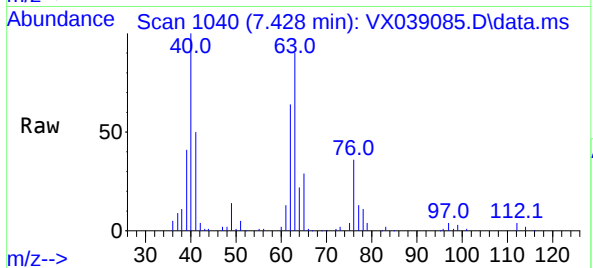
Tgt Ion: 83 Resp: 80732
Ion Ratio Lower Upper
83 100
55 78.7 38.6 116.0
98 44.2 22.3 66.8





#39
1,2-Dichloropropane
Concen: 22.676 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

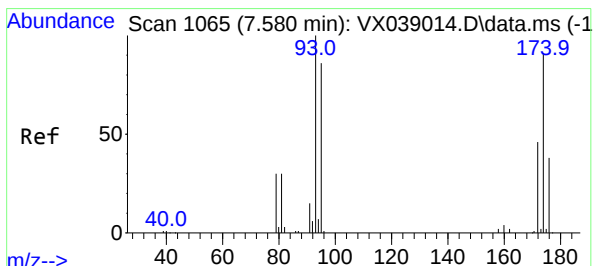
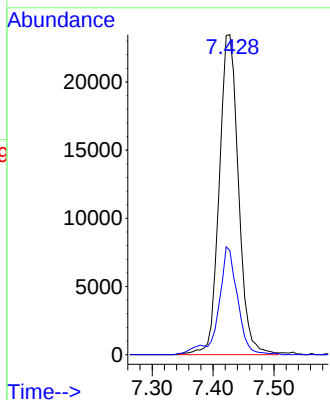
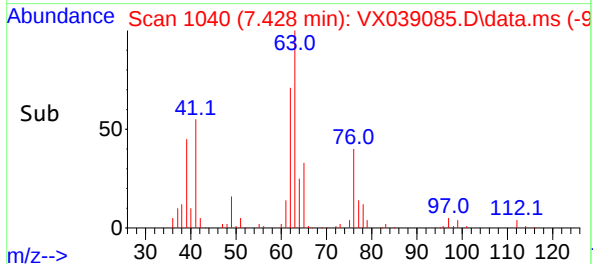
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



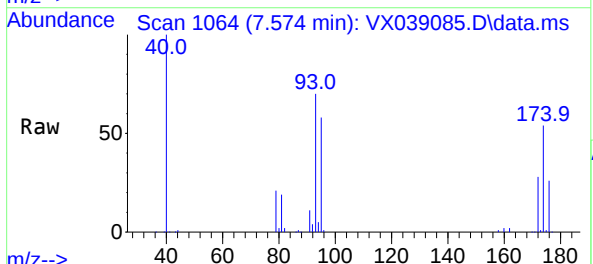
Tgt Ion: 63 Resp: 51550
Ion Ratio Lower Upper
63 100
65 32.2 24.6 37.0

Manual Integrations
APPROVED

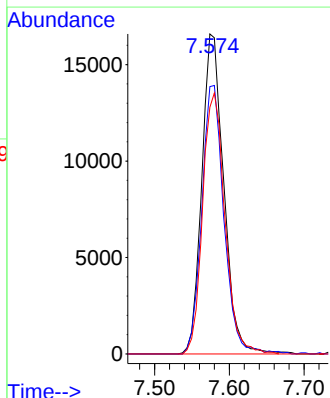
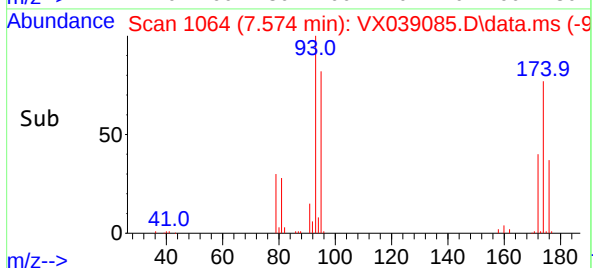
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

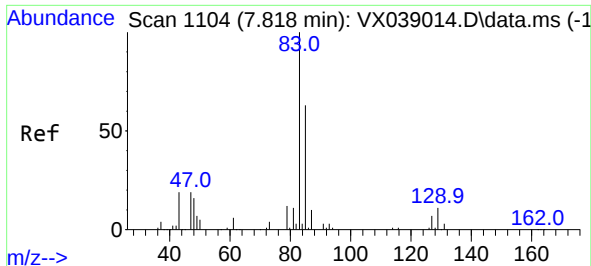


#40
Dibromomethane
Concen: 21.026 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



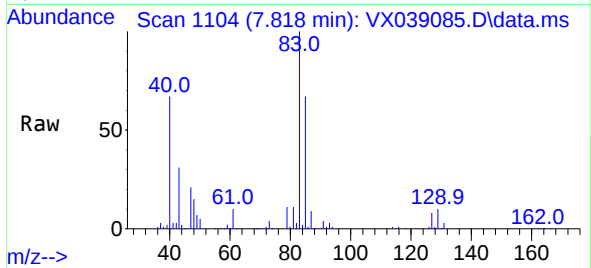
Tgt Ion: 93 Resp: 33777
Ion Ratio Lower Upper
93 100
95 84.5 0.0 163.4
174 83.0 0.0 166.4





#41
Bromodichloromethane
Concen: 21.664 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

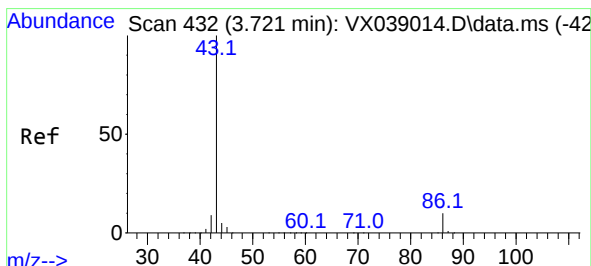
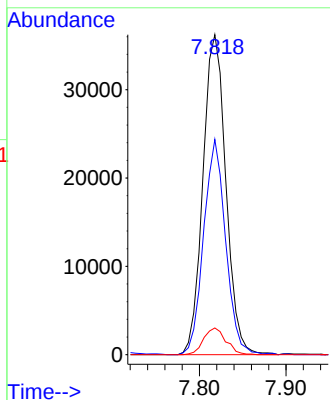
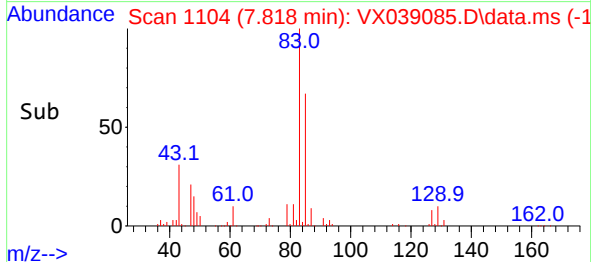
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



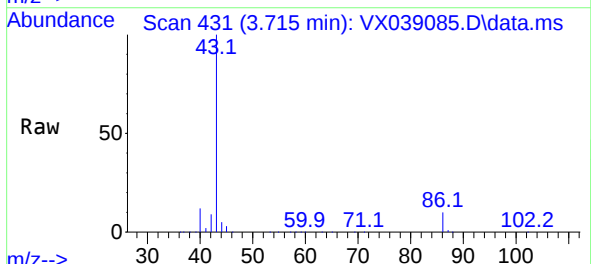
Tgt Ion: 83 Resp: 6685
Ion Ratio Lower Upper
83 100
85 67.3 50.8 76.2
127 8.4 5.9 8.9

Manual Integrations
APPROVED

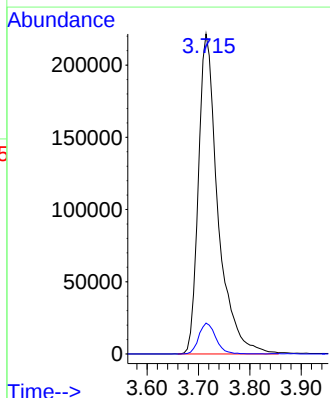
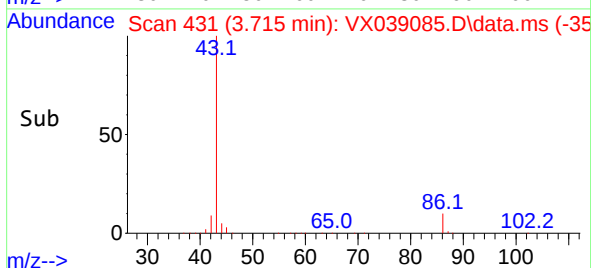
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

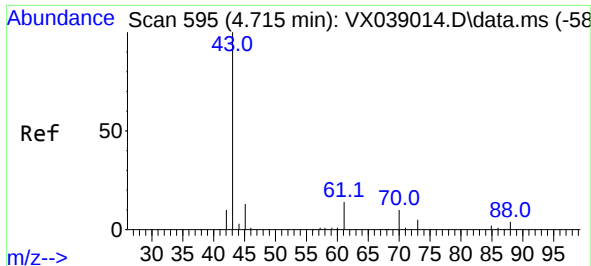


#42
Vinyl Acetate
Concen: 110.171 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



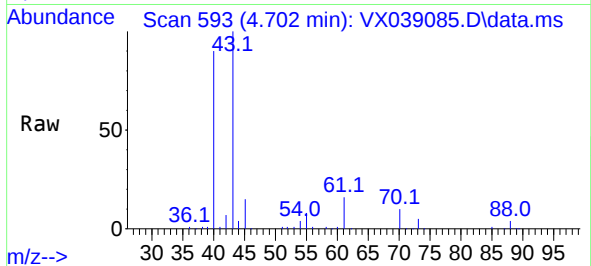
Tgt Ion: 43 Resp: 584671
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





#43
Ethyl Acetate
Concen: 21.667 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

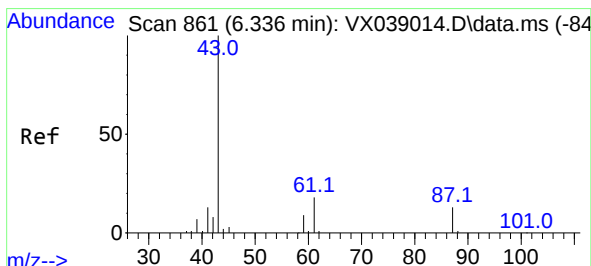
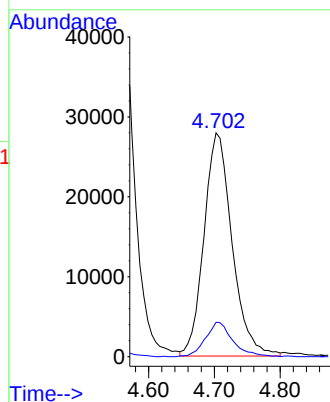
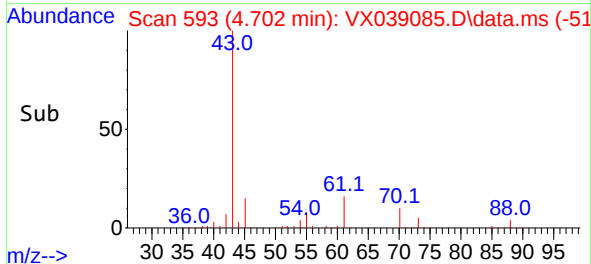
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



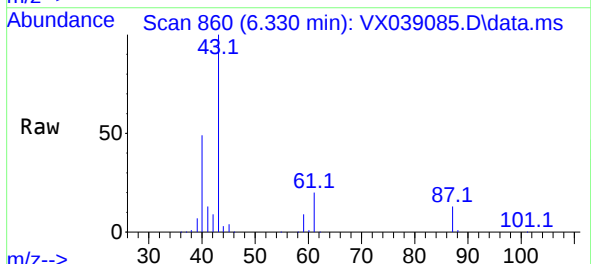
Tgt Ion: 43 Resp: 8305
Ion Ratio Lower Upper
43 100
45 15.0 11.8 17.8

Manual Integrations
APPROVED

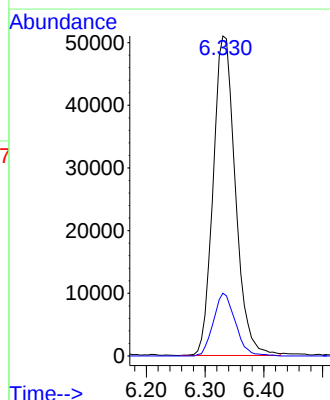
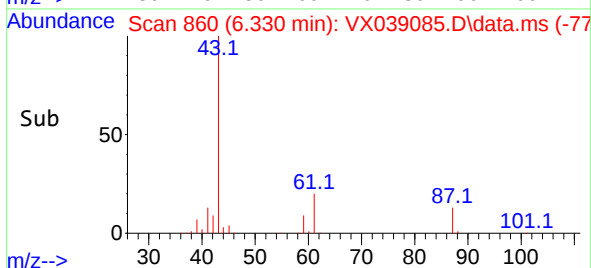
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

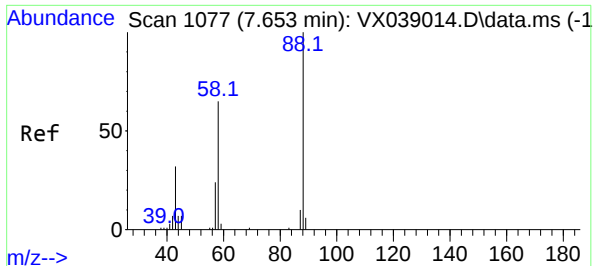


#44
Isopropyl Acetate
Concen: 22.164 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



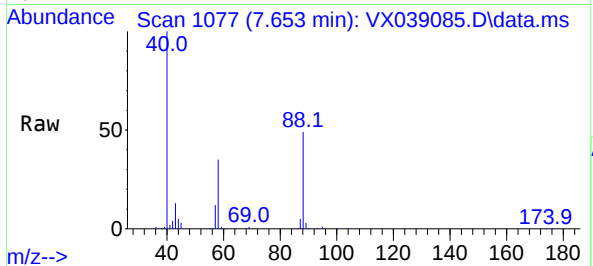
Tgt Ion: 43 Resp: 133934
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4





#45
1,4-Dioxane
Concen: 382.840 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

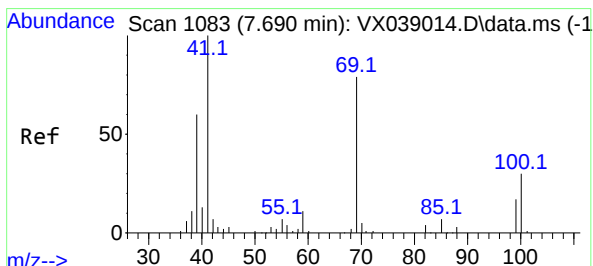
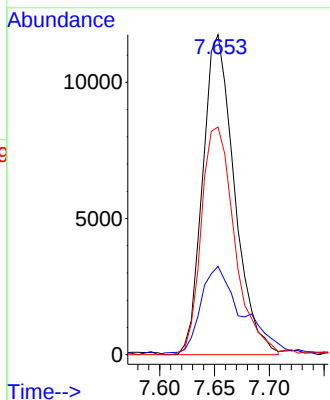
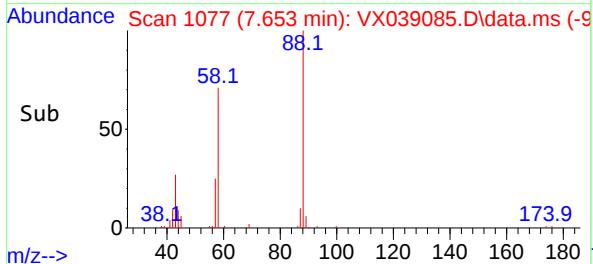
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



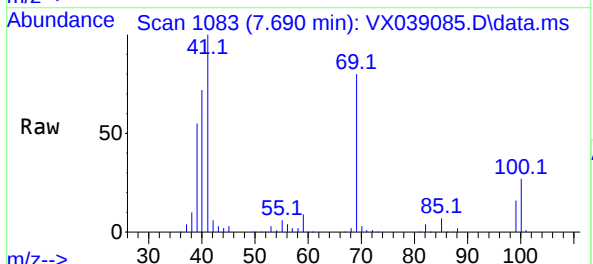
Tgt Ion: 88 Resp: 2361
Ion Ratio Lower Upper
88 100
43 29.5 28.1 42.1
58 75.0 57.7 86.5

Manual Integrations
APPROVED

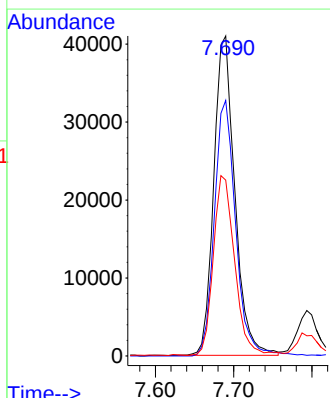
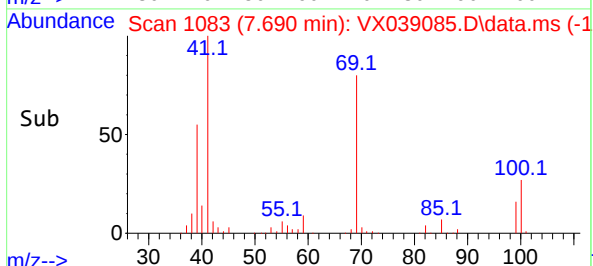
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

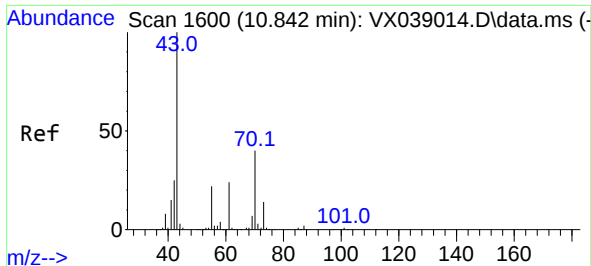


#46
Methyl methacrylate
Concen: 22.175 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



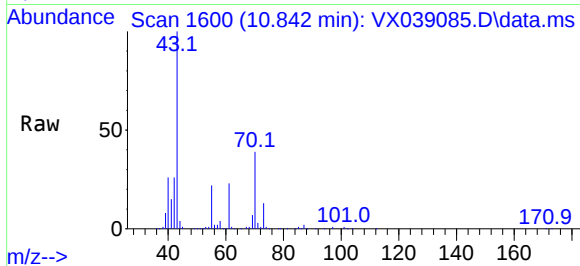
Tgt Ion: 41 Resp: 76614
Ion Ratio Lower Upper
41 100
69 80.0 39.6 118.8
39 54.7 30.1 90.3





#47
n-amyl acetate
Concen: 22.001 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

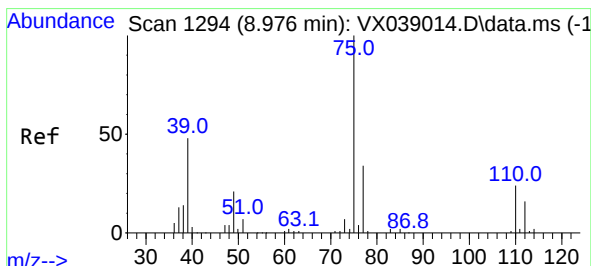
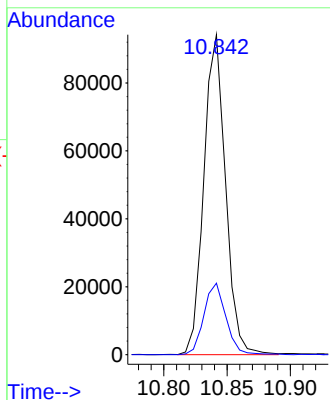
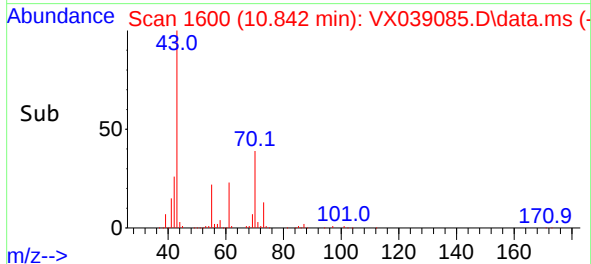
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



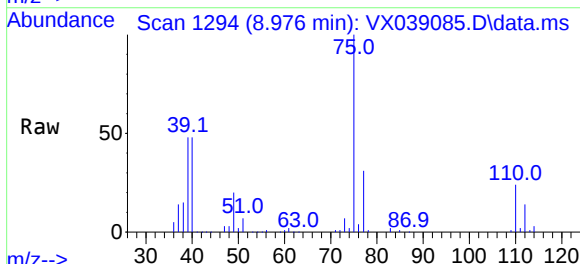
Tgt Ion: 43 Resp: 112528
Ion Ratio Lower Upper
43 100
55 22.7 18.2 27.2

Manual Integrations
APPROVED

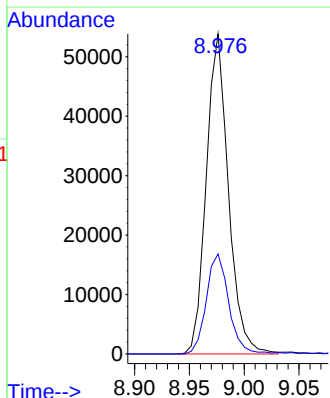
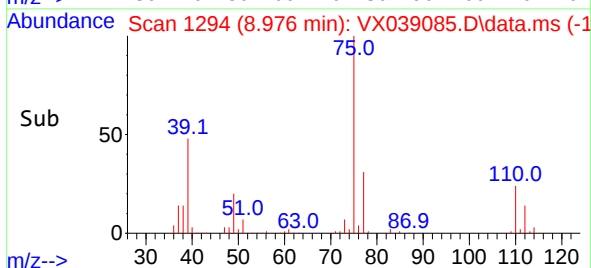
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

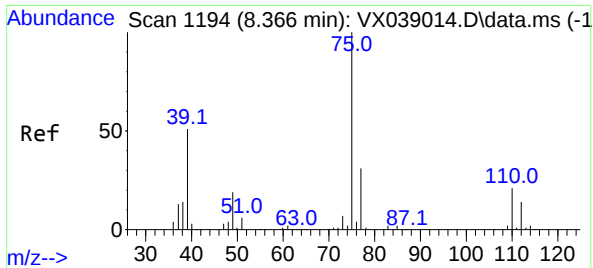


#48
t-1,3-Dichloropropene
Concen: 21.160 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion: 75 Resp: 75720
Ion Ratio Lower Upper
75 100
77 31.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 21.901 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039085.D

Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 8084

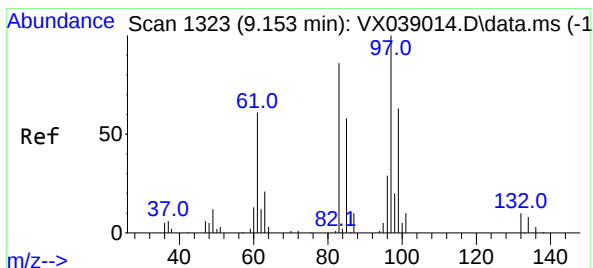
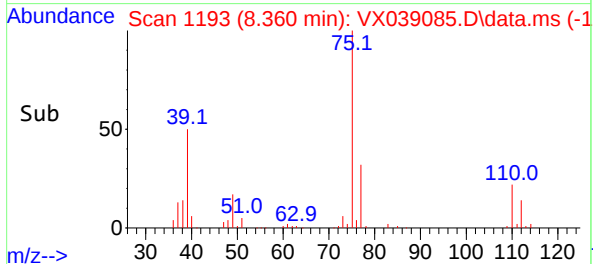
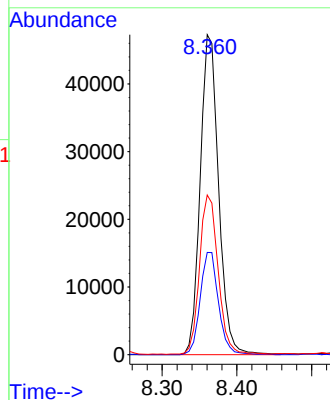
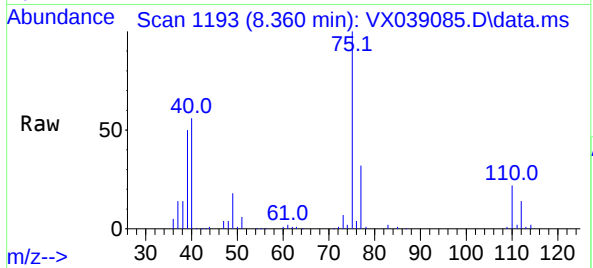
Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.4	36.6
39	49.7	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#50

1,1,2-Trichloroethane

Concen: 22.022 ug/l

RT: 9.147 min Scan# 1322

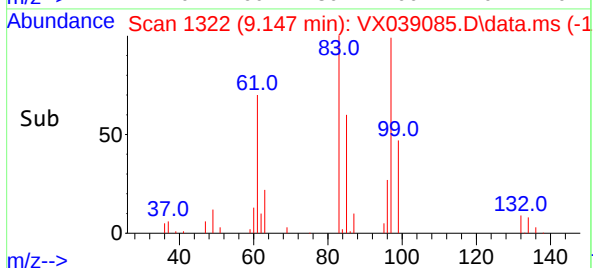
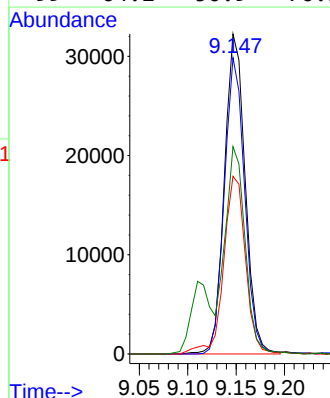
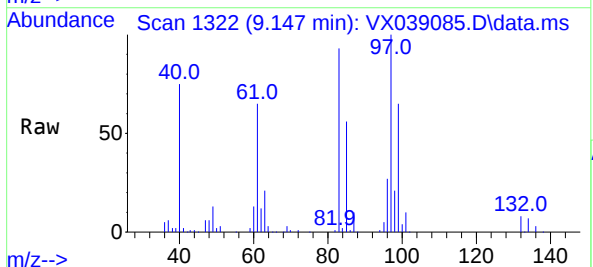
Delta R.T. -0.006 min

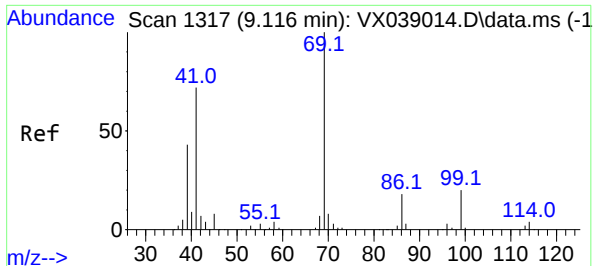
Lab File: VX039085.D

Acq: 06 Dec 2023 10:12

Tgt Ion: 97 Resp: 48056

Ion	Ratio	Lower	Upper
97	100		
83	92.6	69.0	103.6
85	55.5	46.3	69.5
99	64.2	50.9	76.3





#51

Ethyl methacrylate

Concen: 21.963 ug/l

RT: 9.110 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX039085.D

Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 69 Resp: 59990

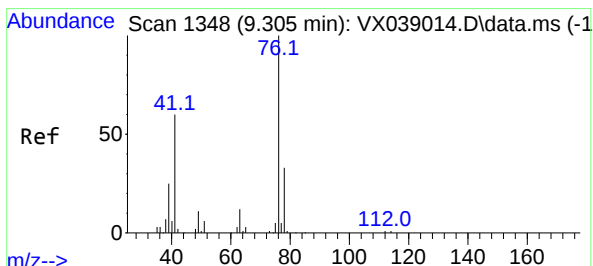
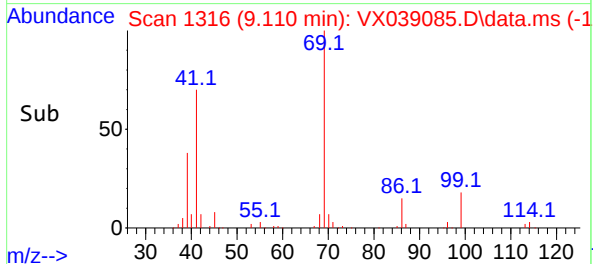
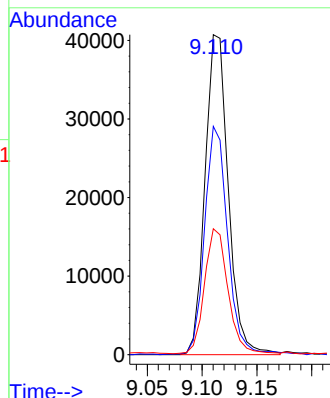
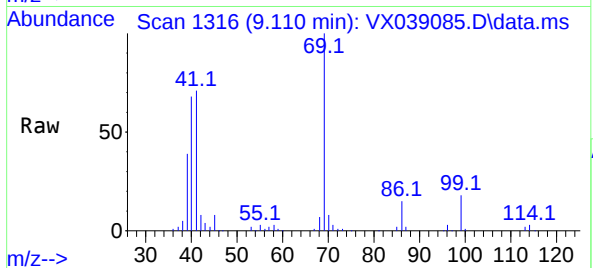
Ion	Ratio	Lower	Upper
69	100		
41	71.1	36.2	108.6
39	38.9	21.1	63.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#52

1,3-Dichloropropane

Concen: 22.054 ug/l

RT: 9.305 min Scan# 1348

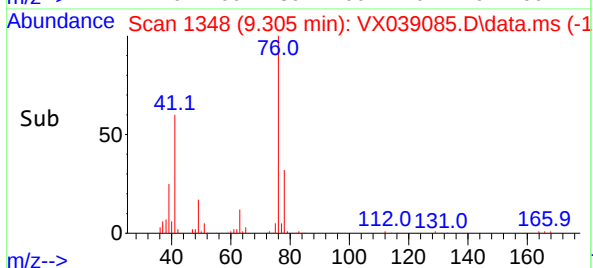
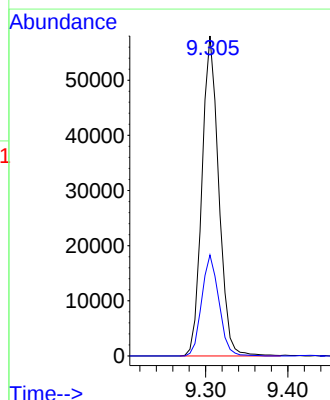
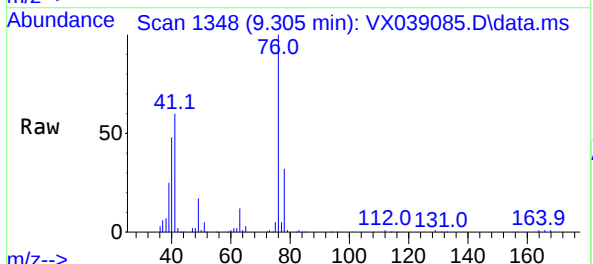
Delta R.T. 0.000 min

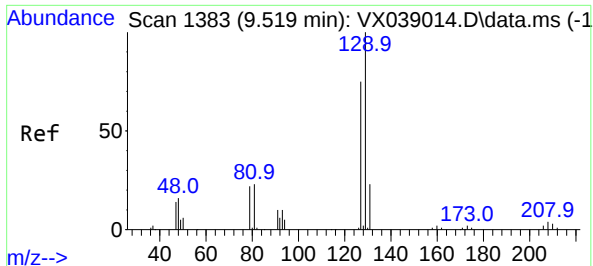
Lab File: VX039085.D

Acq: 06 Dec 2023 10:12

Tgt Ion: 76 Resp: 82521

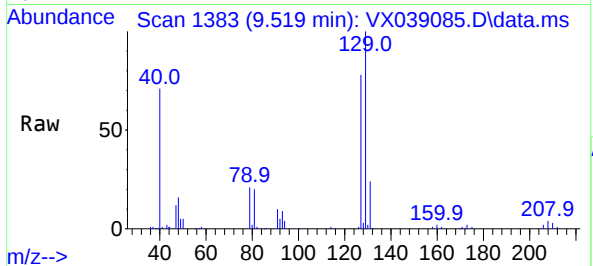
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.0





#53
Dibromochloromethane
Concen: 20.803 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

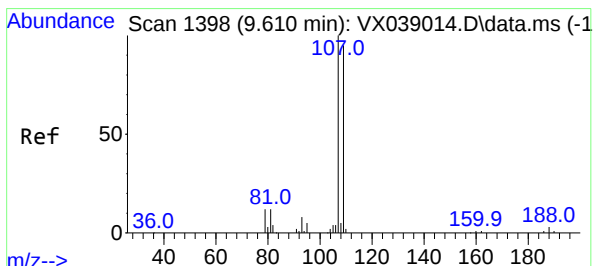
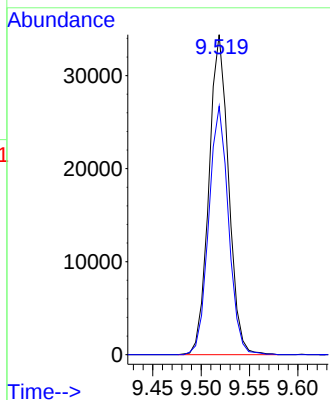
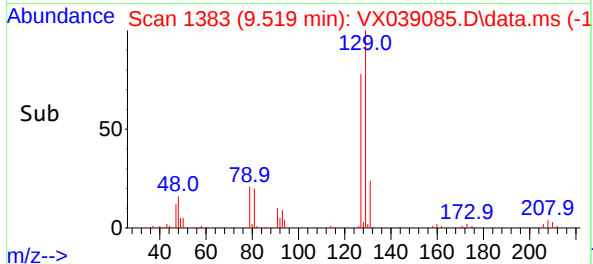
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



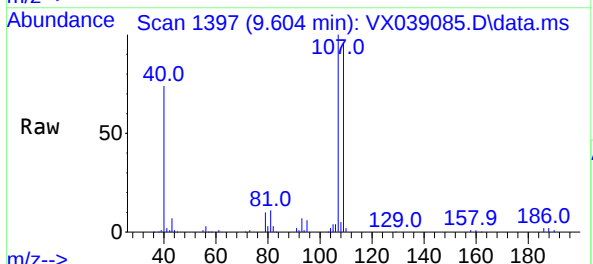
Tgt Ion:129 Resp: 48754
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9

Manual Integrations
APPROVED

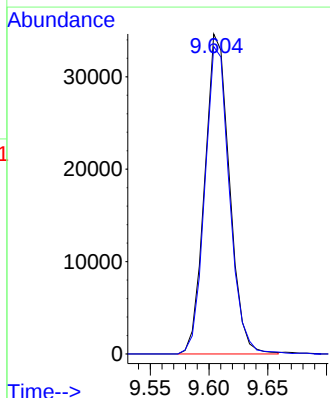
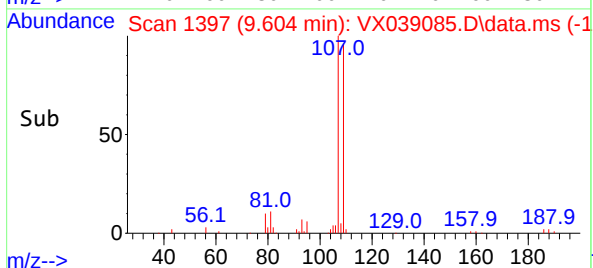
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

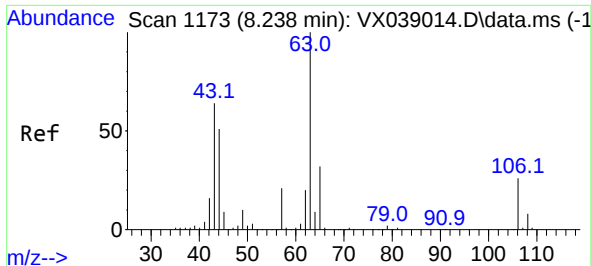


#54
1,2-Dibromoethane
Concen: 21.142 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion:107 Resp: 50595
Ion Ratio Lower Upper
107 100
109 95.5 75.1 112.7





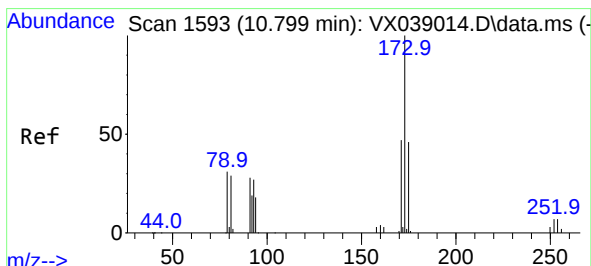
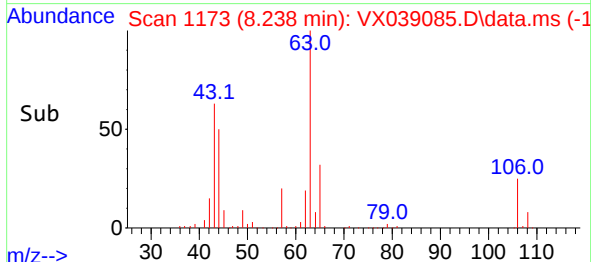
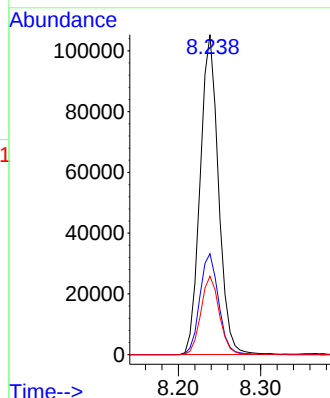
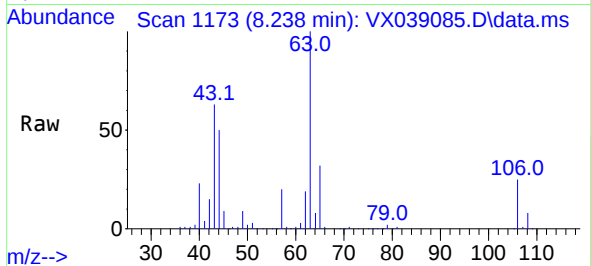
#55
2-Chloroethyl vinyl ether
Concen: 94.141 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 162998
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.6
106 24.7 20.6 31.0

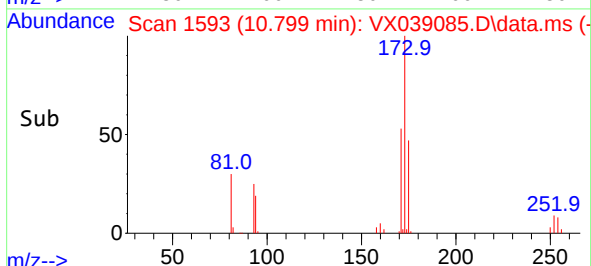
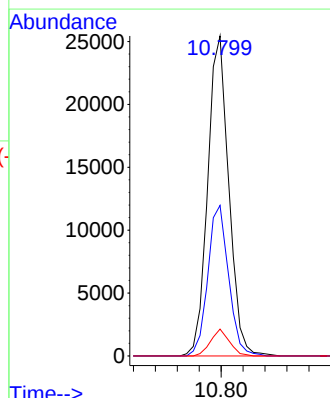
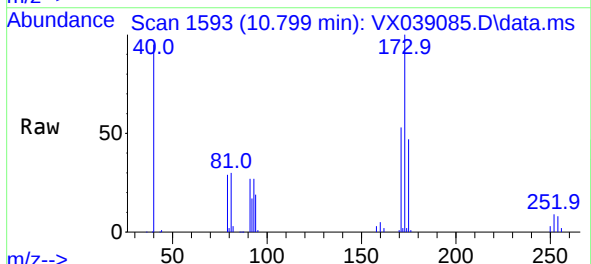
Manual Integrations
APPROVED

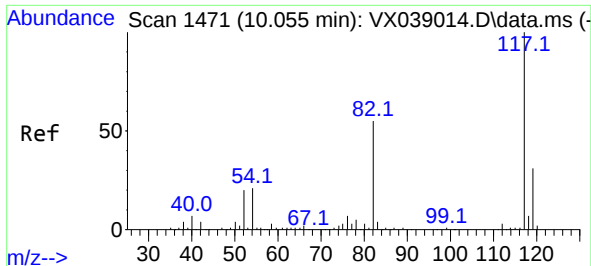
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#56
Bromoform
Concen: 20.092 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Tgt Ion:173 Resp: 33984
Ion Ratio Lower Upper
173 100
175 46.4 37.6 56.4
254 7.5 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039085.D

Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:117 Resp: 129430

Ion Ratio Lower Upper

117 100

82 60.0 47.0 70.6

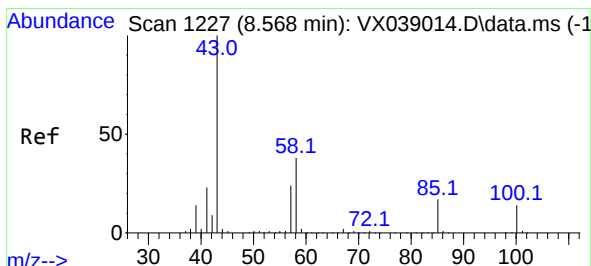
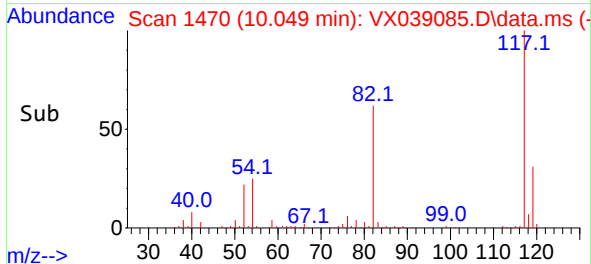
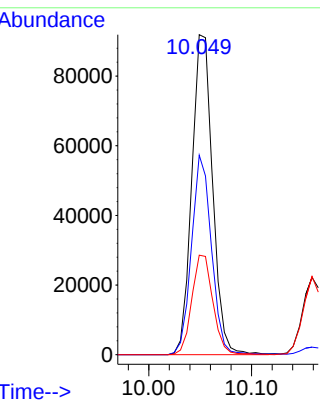
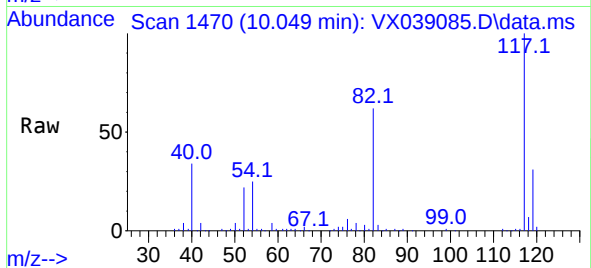
119 31.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#58

4-Methyl-2-Pentanone

Concen: 114.340 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039085.D

Acq: 06 Dec 2023 10:12

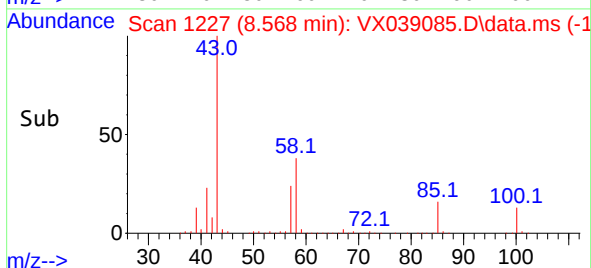
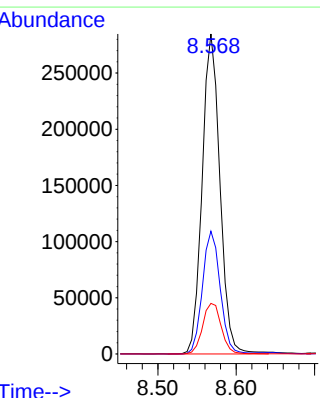
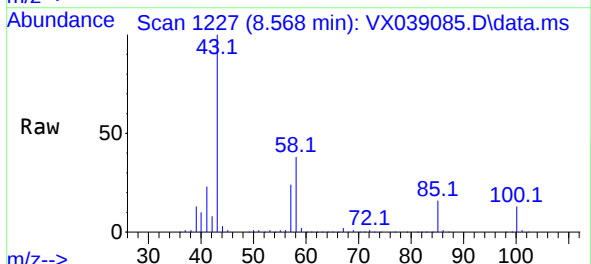
Tgt Ion: 43 Resp: 448799

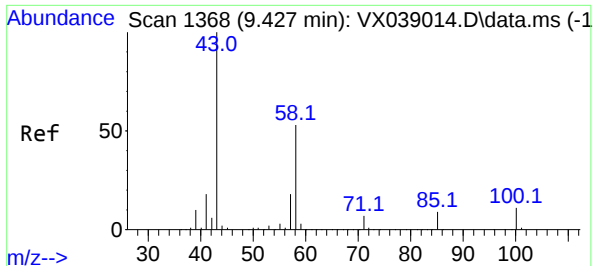
Ion Ratio Lower Upper

43 100

58 38.3 30.1 45.1

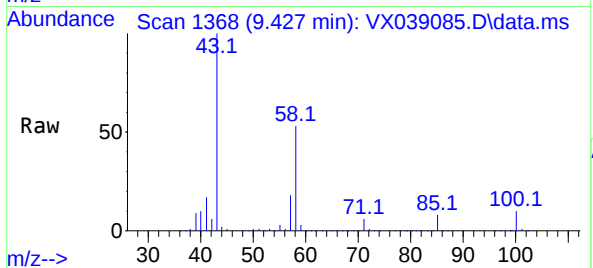
85 16.7 13.9 20.9





#59
2-Hexanone
Concen: 113.807 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

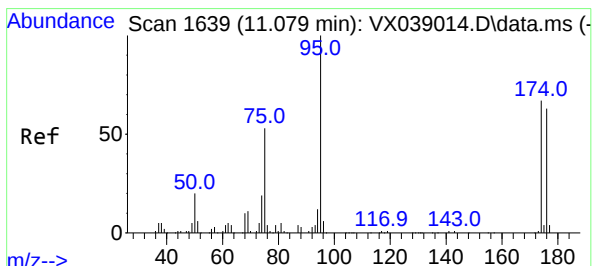
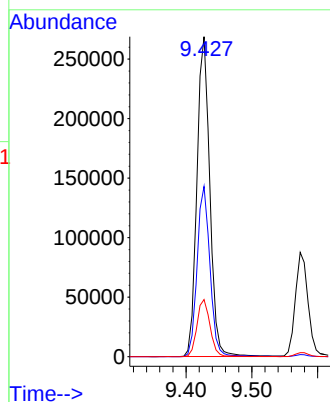
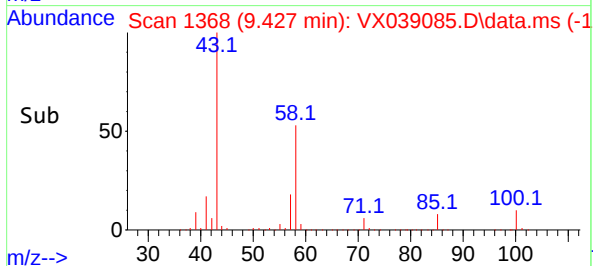
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



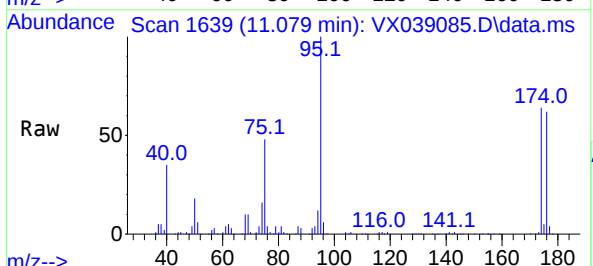
Tgt Ion: 43 Resp: 366673
Ion Ratio Lower Upper
43 100
58 52.9 42.7 64.1
57 18.2 14.8 22.2

Manual Integrations
APPROVED

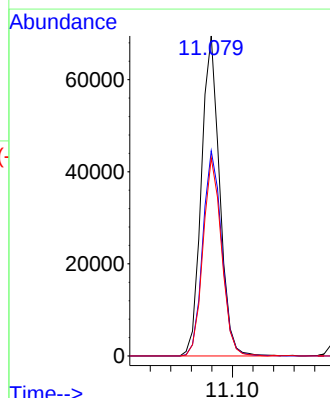
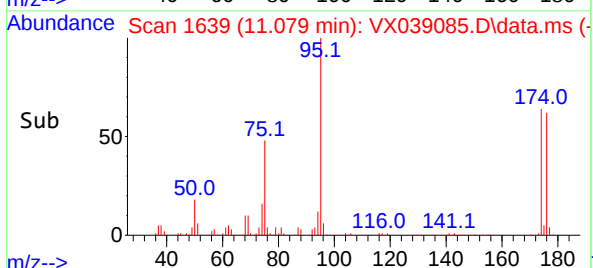
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

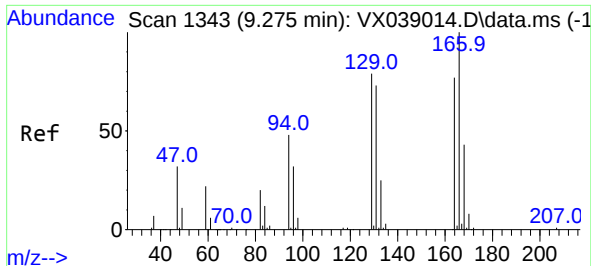


#60
4-Bromofluorobenzene
Concen: 30.357 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion: 95 Resp: 85824
Ion Ratio Lower Upper
95 100
174 66.4 55.4 83.2
176 62.7 52.6 78.8





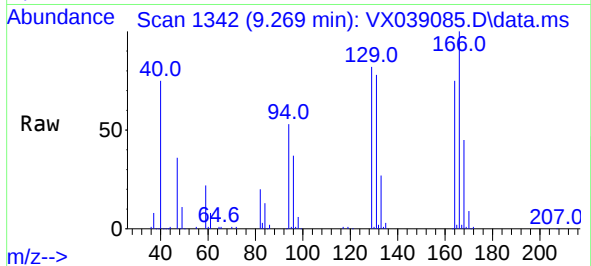
#61
Tetrachloroethene
Concen: 21.606 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

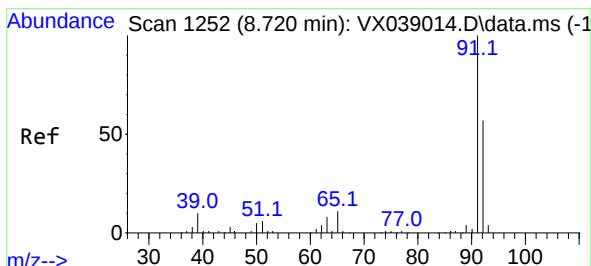
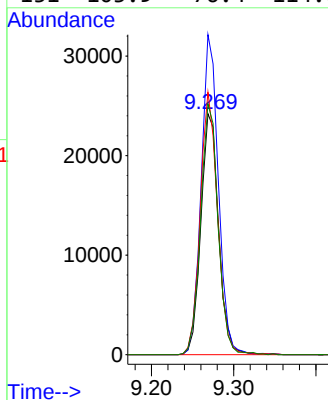
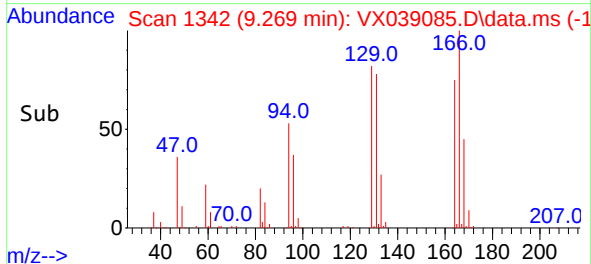


Tgt Ion:164 Resp: 36360
Ion Ratio Lower Upper
164 100
166 132.8 104.0 156.0
129 108.9 82.0 123.0
131 103.9 76.4 114.6

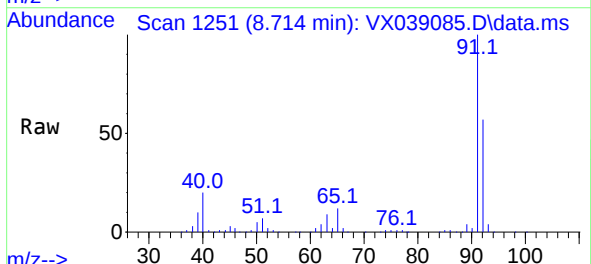
Manual Integrations

APPROVED

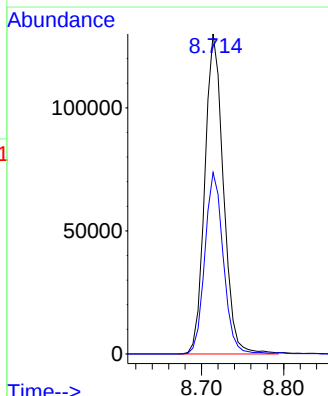
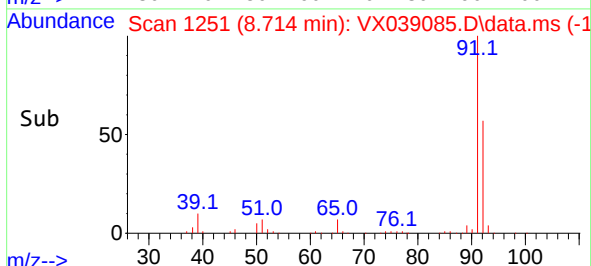
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

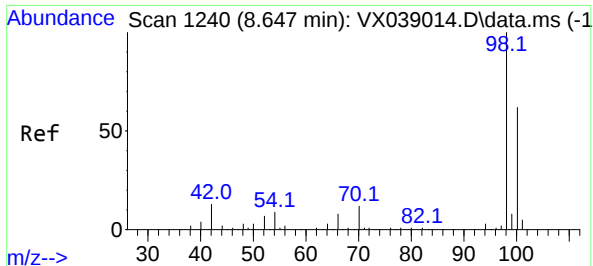


#62
Toluene
Concen: 22.188 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



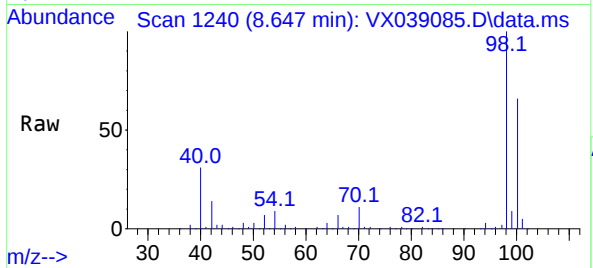
Tgt Ion: 91 Resp: 203898
Ion Ratio Lower Upper
91 100
92 56.3 45.9 68.9





#63
Toluene-d8
Concen: 29.763 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

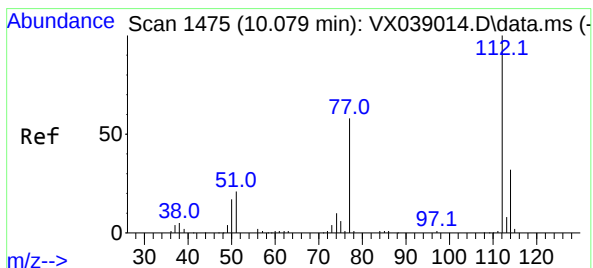
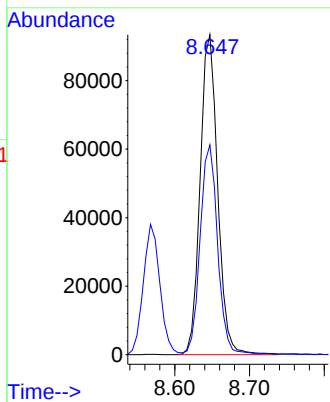
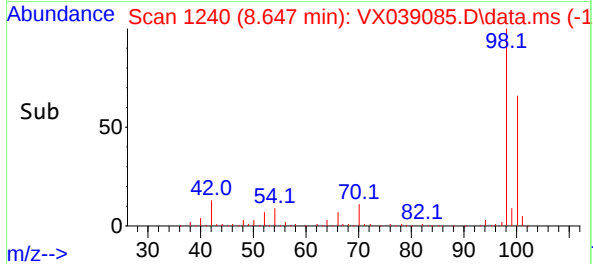
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



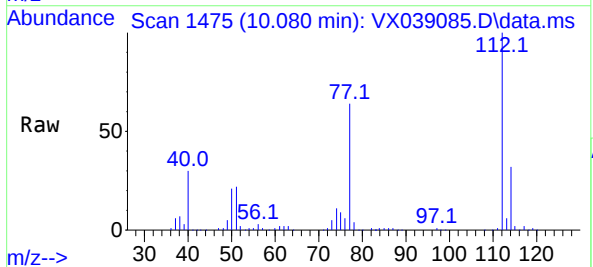
Tgt Ion: 98 Resp: 15231
Ion Ratio Lower Upper
98 100
100 65.2 51.0 76.4

Manual Integrations
APPROVED

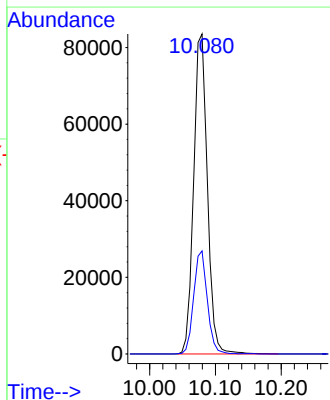
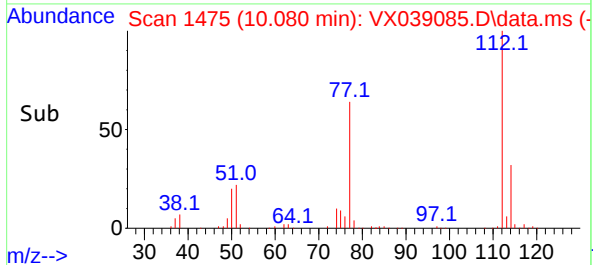
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

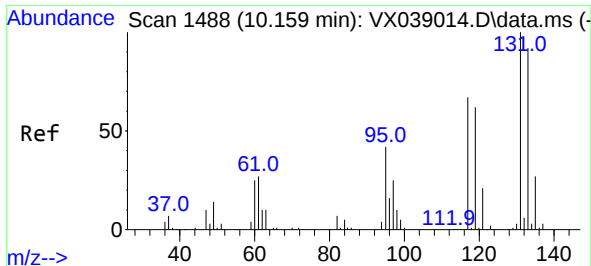


#64
Chlorobenzene
Concen: 21.619 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



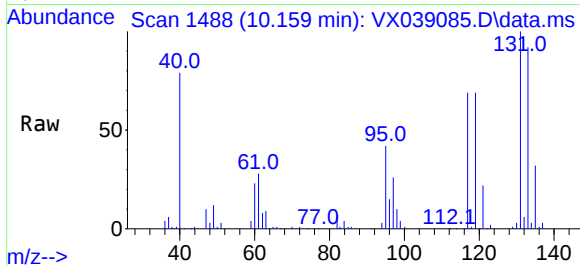
Tgt Ion:112 Resp: 120847
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 21.727 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

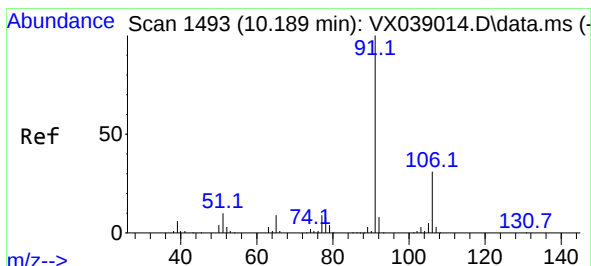
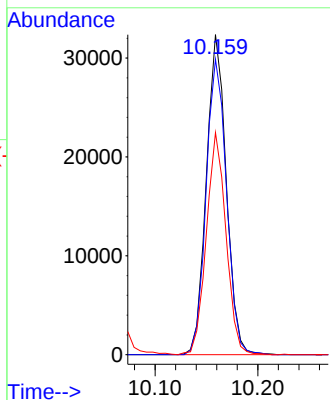
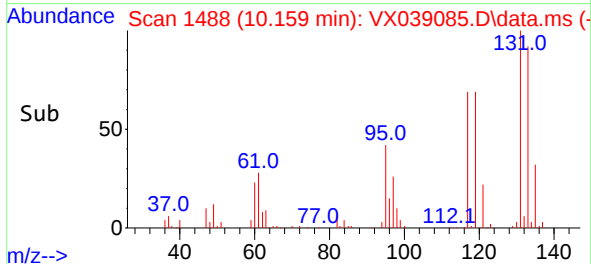
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



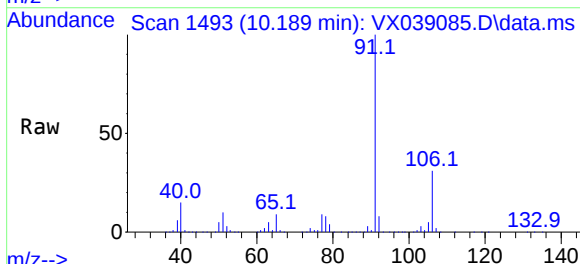
Tgt Ion:131 Resp: 43739
Ion Ratio Lower Upper
131 100
133 94.5 0.0 191.8
119 68.3 0.0 135.4

Manual Integrations
APPROVED

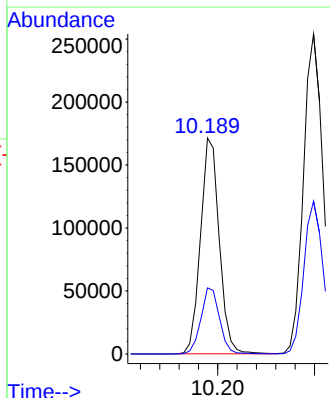
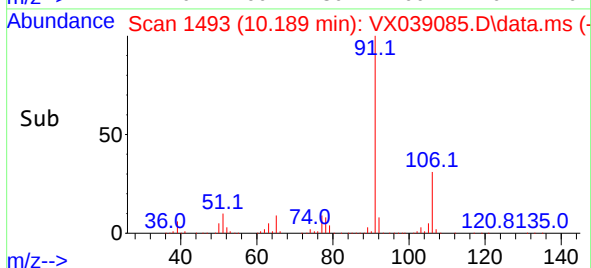
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

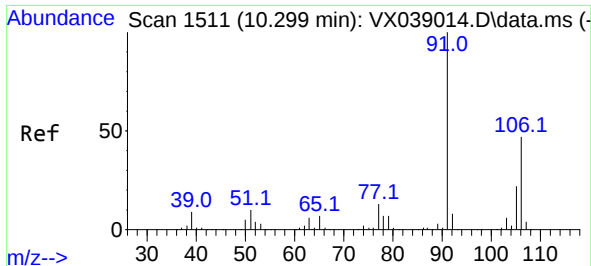


#66
Ethyl Benzene
Concen: 22.119 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion: 91 Resp: 231453
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6





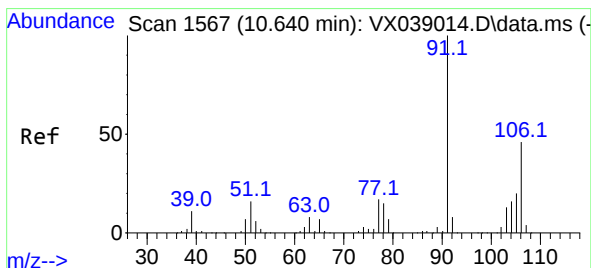
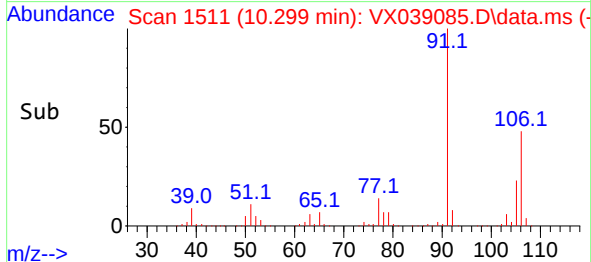
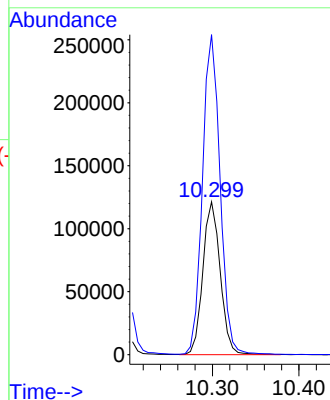
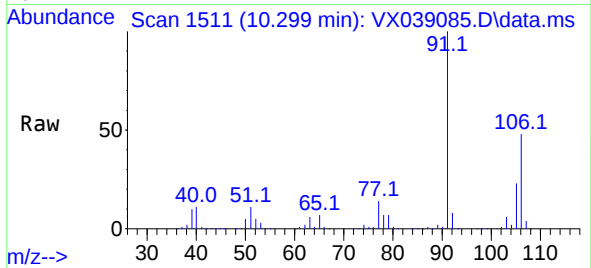
#67
m/p-Xylenes
Concen: 43.772 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 169254
Ion Ratio Lower Upper
106 100
91 211.8 169.4 254.0

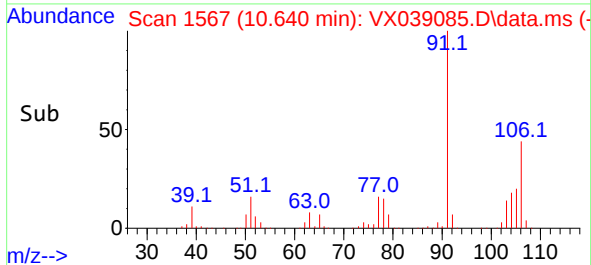
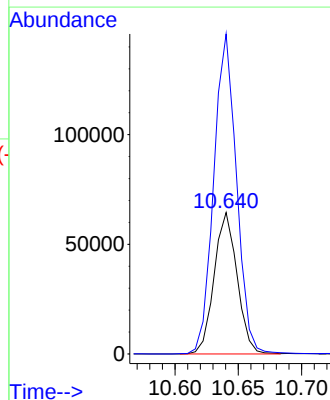
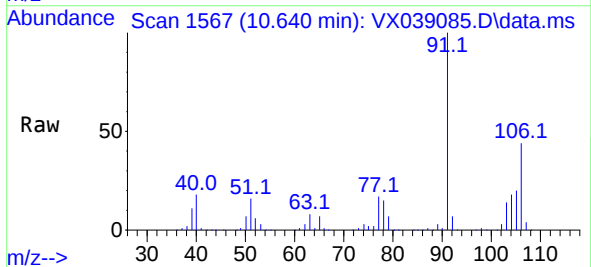
Manual Integrations
APPROVED

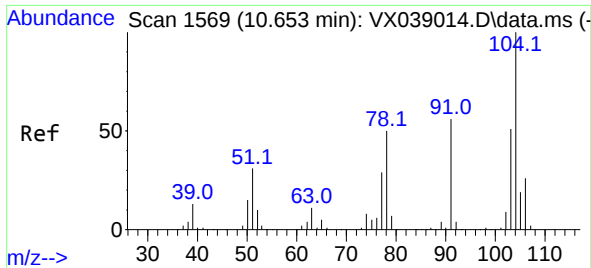
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#68
o-Xylene
Concen: 21.746 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Tgt Ion:106 Resp: 81452
Ion Ratio Lower Upper
106 100
91 224.0 111.2 333.6





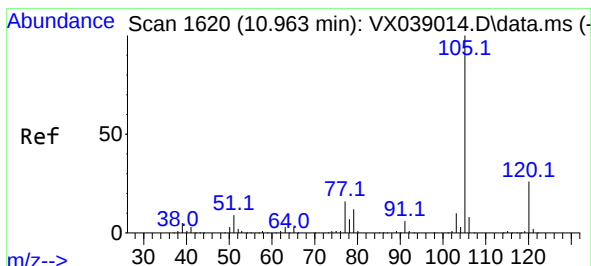
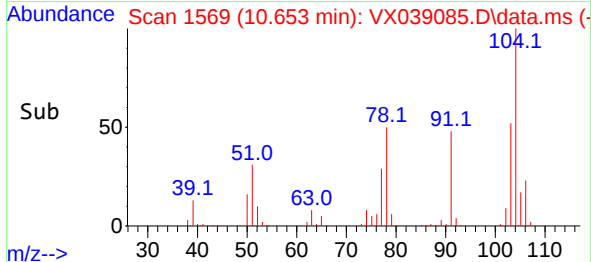
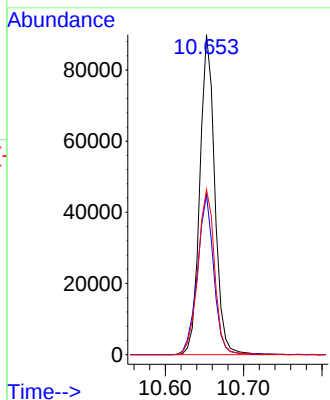
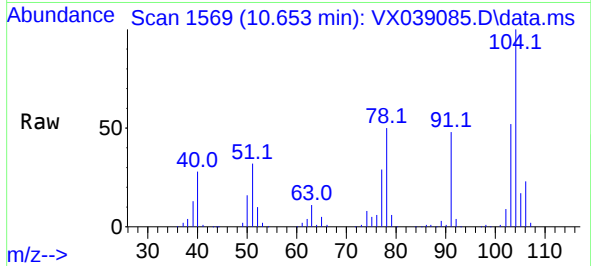
#69
Styrene
Concen: 21.501 ug/l
RT: 10.653 min Scan# 11918
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 11918
Ion Ratio Lower Upper
104 100
78 54.7 43.7 65.5
103 57.5 44.6 67.0

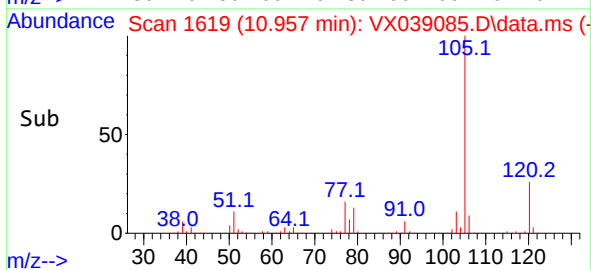
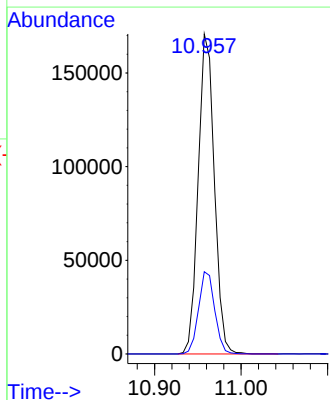
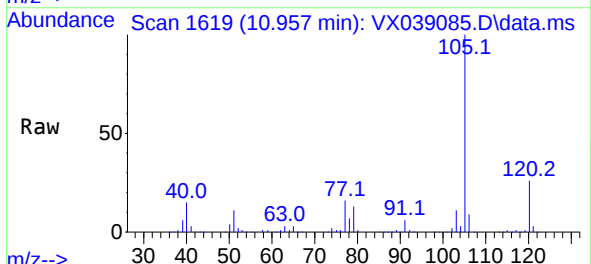
Manual Integrations
APPROVED

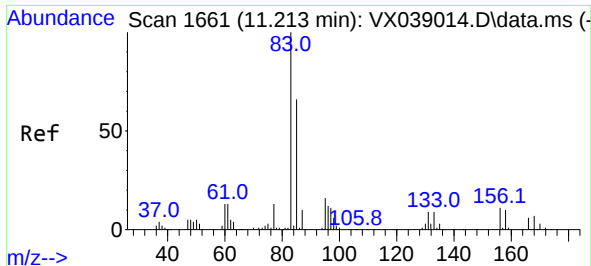
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#70
Isopropylbenzene
Concen: 22.078 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Tgt Ion:105 Resp: 221251
Ion Ratio Lower Upper
105 100
120 25.7 18.5 34.3





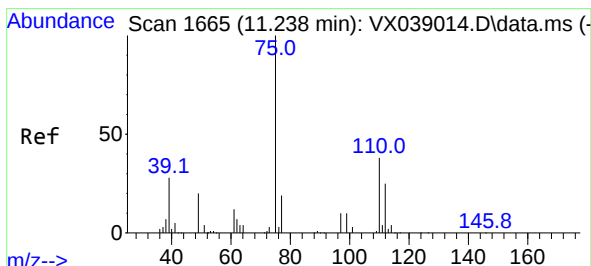
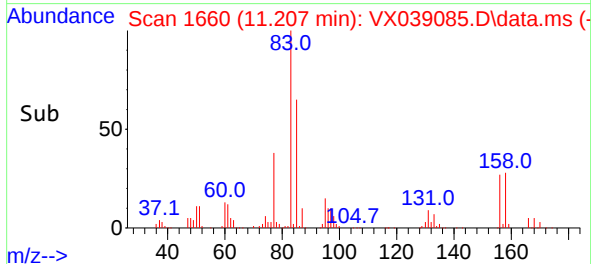
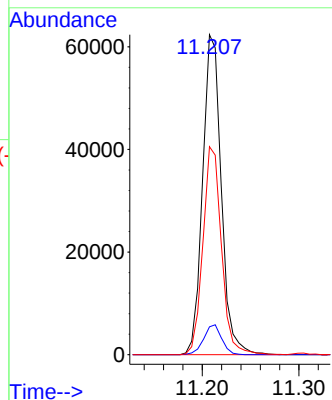
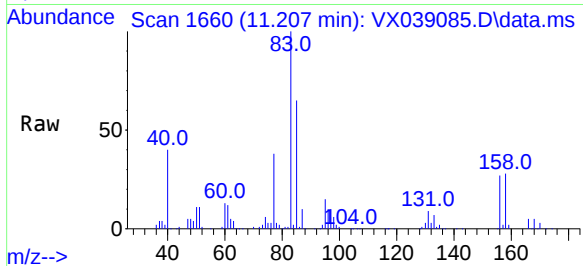
#71
1,1,2,2-Tetrachloroethane
Concen: 22.400 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 8380
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 64.7 32.5 97.4

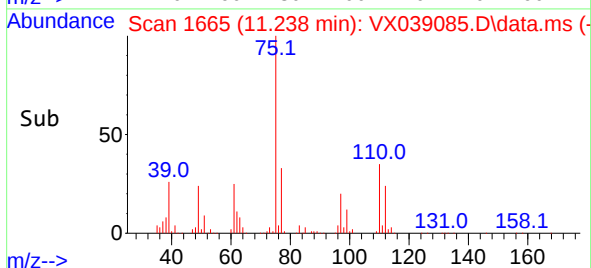
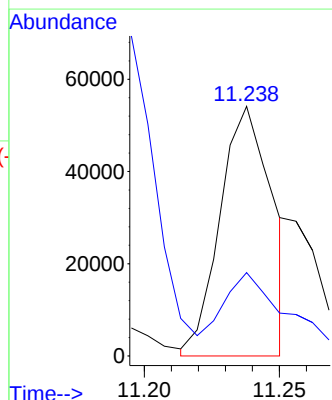
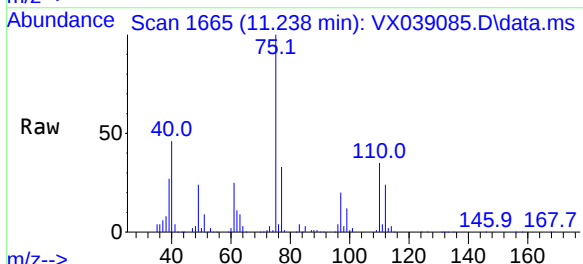
Manual Integrations
APPROVED

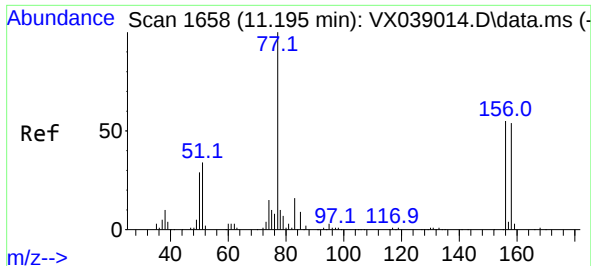
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#72
1,2,3-Trichloropropane
Concen: 22.876 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

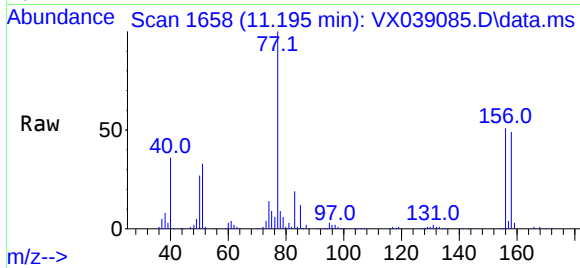
Tgt Ion: 75 Resp: 72417
Ion Ratio Lower Upper
75 100
77 42.6 0.0 76.4





#73
Bromobenzene
Concen: 21.115 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

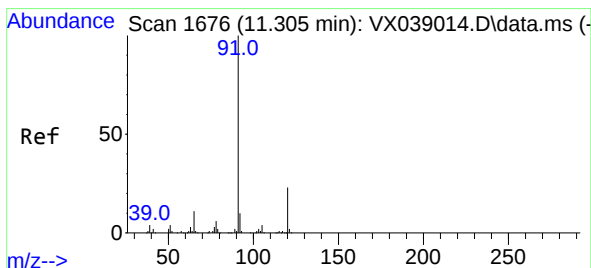
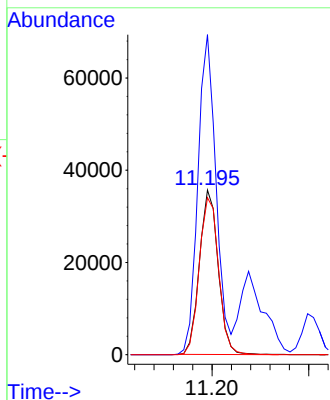
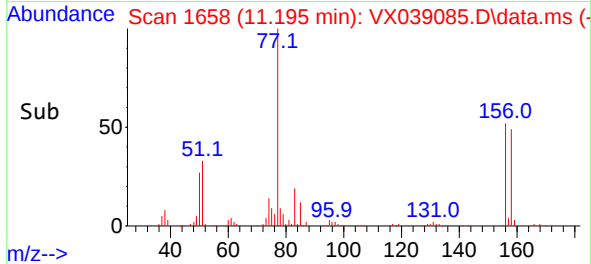
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



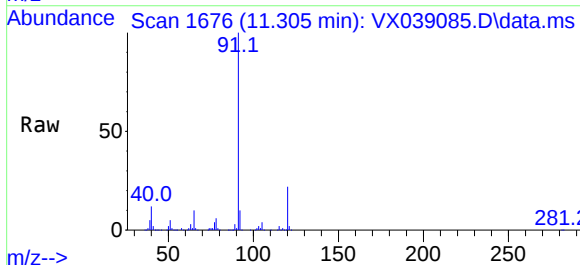
Tgt Ion:156 Resp: 48179
Ion Ratio Lower Upper
156 100
77 188.3 0.0 363.2
158 98.7 0.0 197.8

Manual Integrations
APPROVED

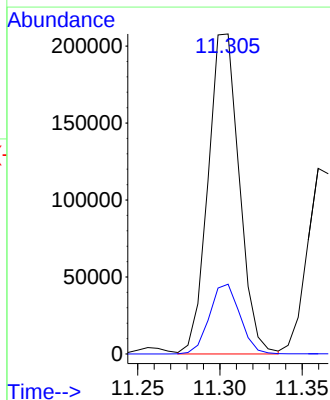
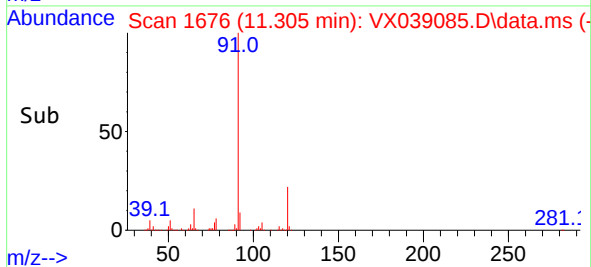
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

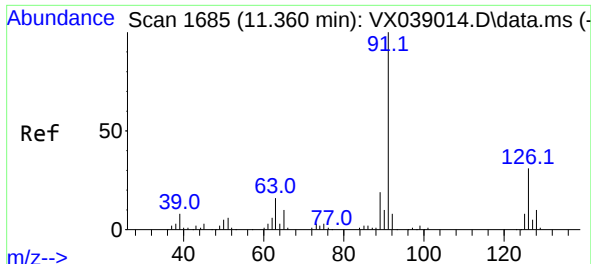


#74
n-propylbenzene
Concen: 22.340 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion: 91 Resp: 274290
Ion Ratio Lower Upper
91 100
120 21.3 0.0 43.4





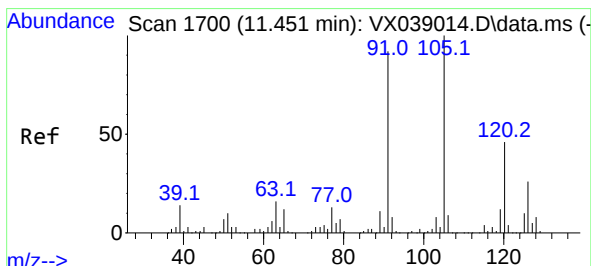
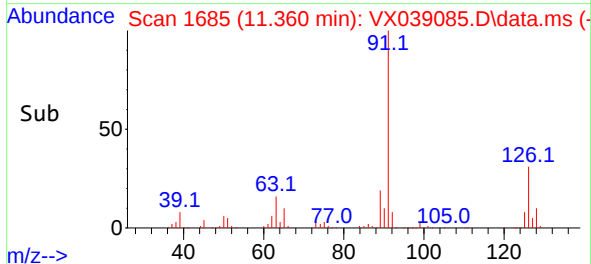
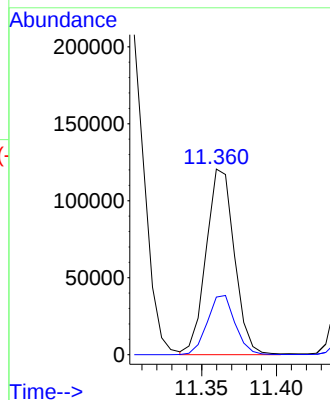
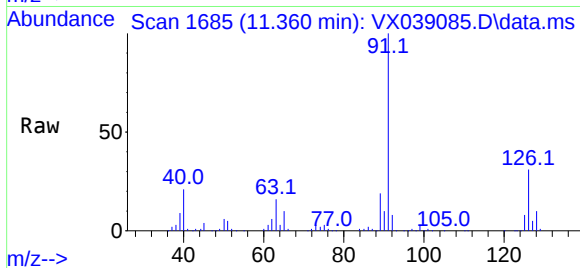
#75
2-Chlorotoluene
Concen: 22.037 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 15874
Ion Ratio Lower Upper
91 100
126 31.4 0.0 64.2

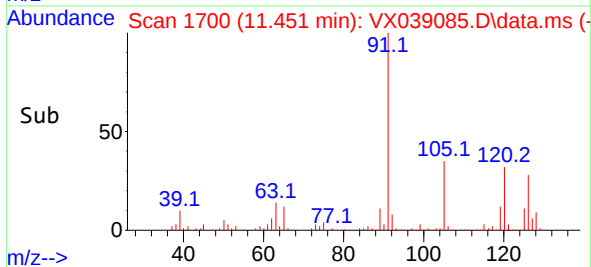
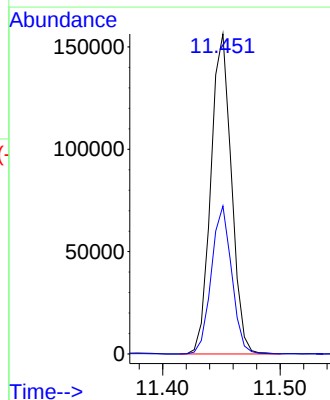
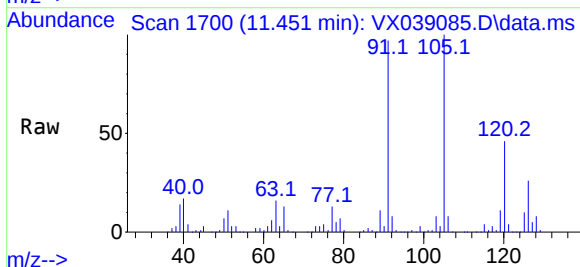
Manual Integrations
APPROVED

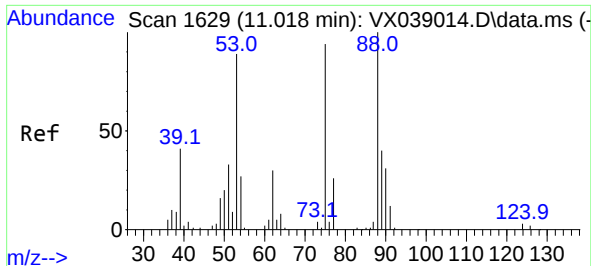
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.007 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

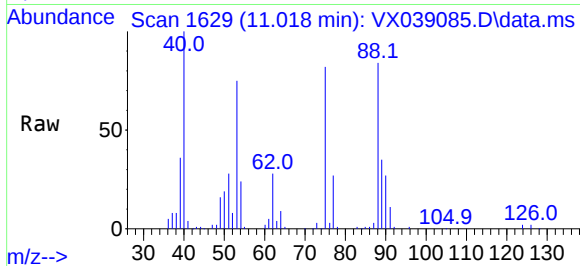
Tgt Ion:105 Resp: 189994
Ion Ratio Lower Upper
105 100
120 45.6 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 21.150 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

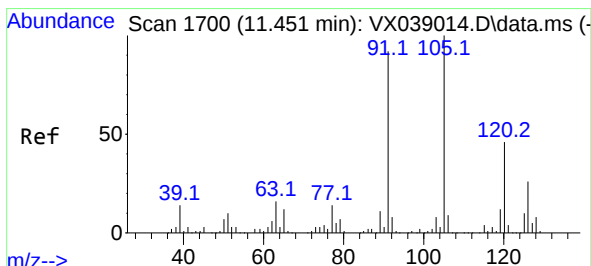
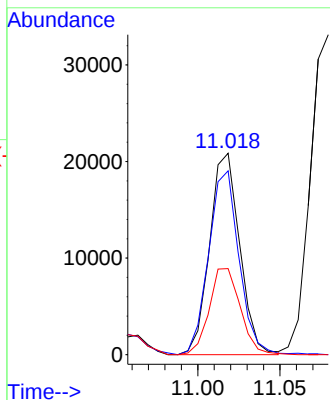
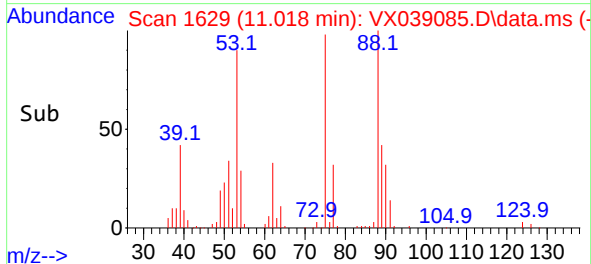
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



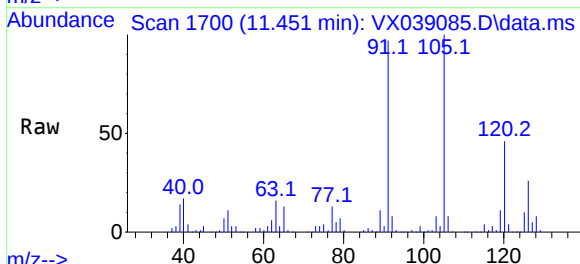
Tgt Ion: 75 Resp: 26530
Ion Ratio Lower Upper
75 100
53 91.2 46.9 140.8
89 42.7 21.3 63.7

Manual Integrations
APPROVED

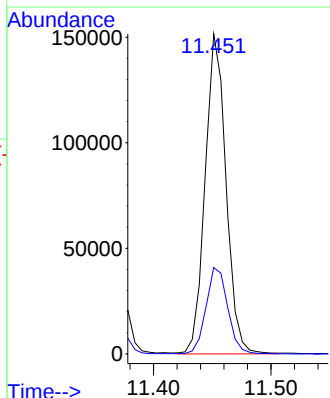
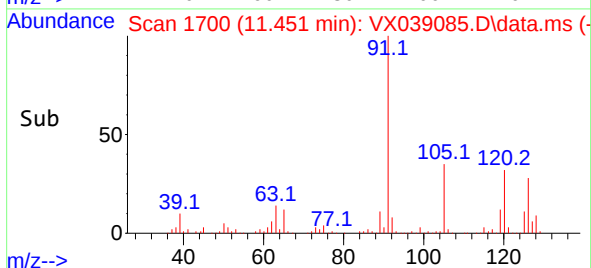
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

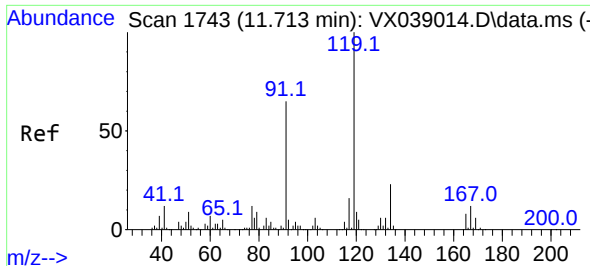


#78
4-Chlorotoluene
Concen: 22.099 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



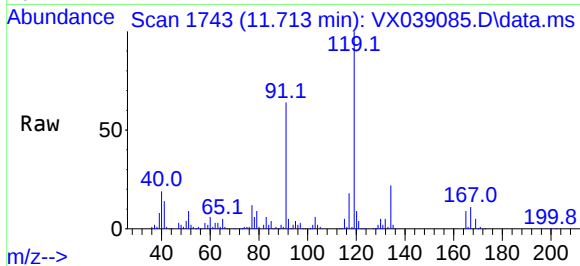
Tgt Ion: 91 Resp: 187162
Ion Ratio Lower Upper
91 100
126 28.1 0.0 57.4





#79
tert-butylbenzene
Concen: 21.885 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

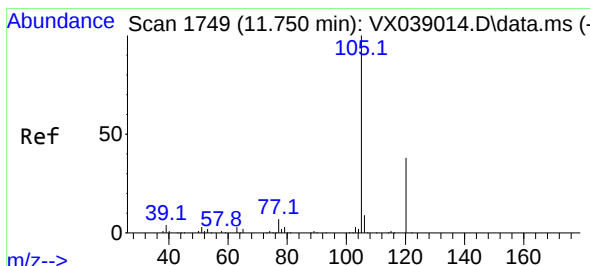
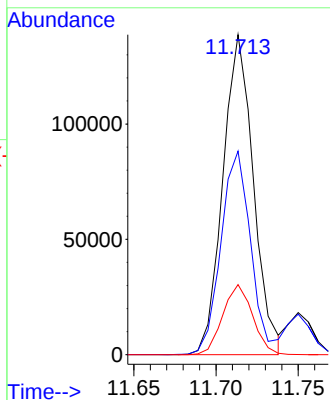
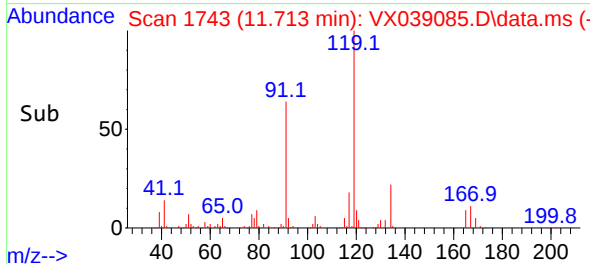
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



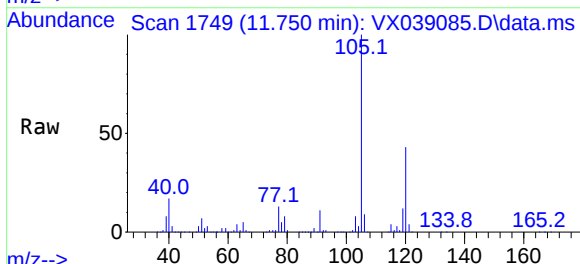
Tgt Ion:119 Resp: 179664
Ion Ratio Lower Upper
119 100
91 61.1 0.0 125.6
134 21.4 0.0 43.8

Manual Integrations
APPROVED

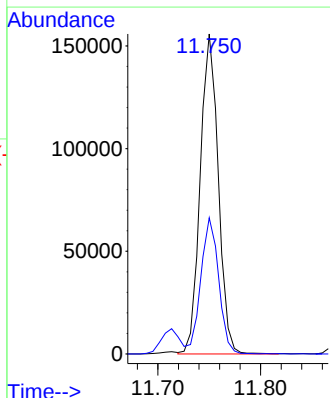
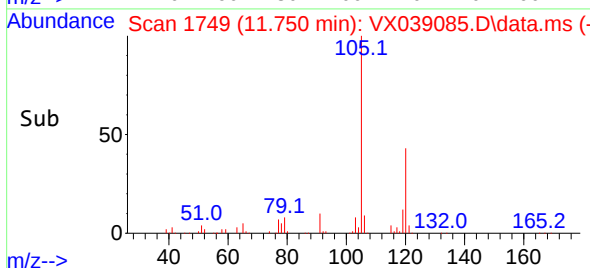
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

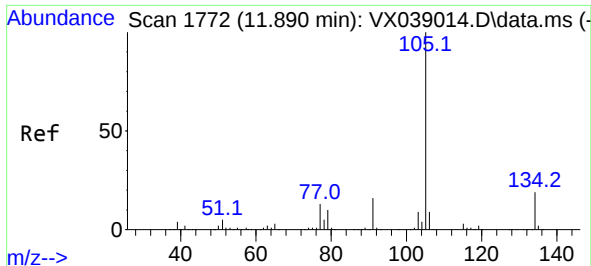


#80
1,2,4-Trimethylbenzene
Concen: 22.035 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



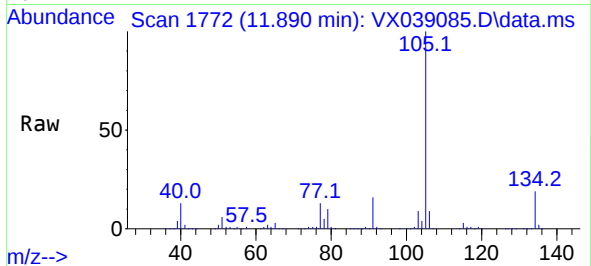
Tgt Ion:105 Resp: 190389
Ion Ratio Lower Upper
105 100
120 42.2 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 22.205 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039085.D
 Acq: 06 Dec 2023 10:12

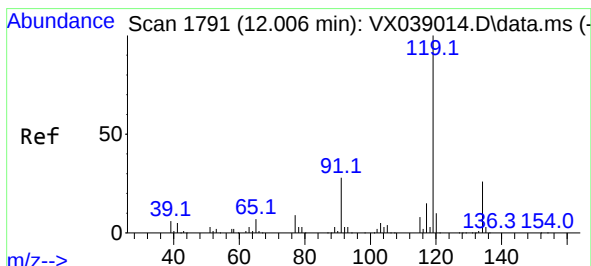
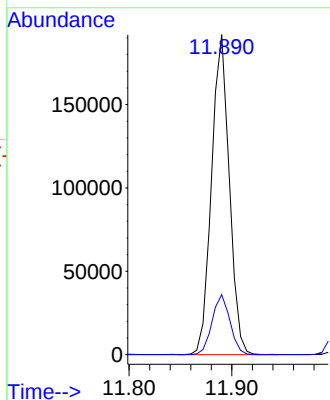
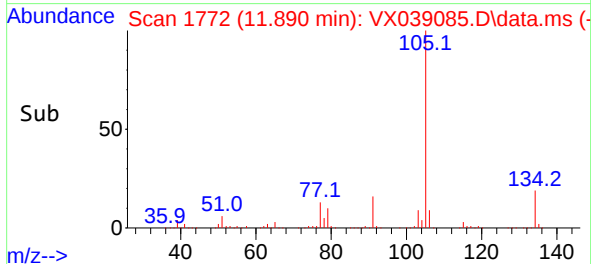
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



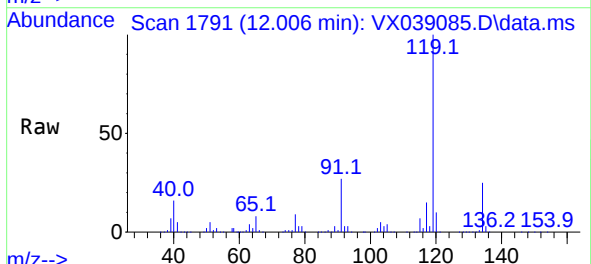
Tgt Ion:105 Resp: 23044
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

Manual Integrations
 APPROVED

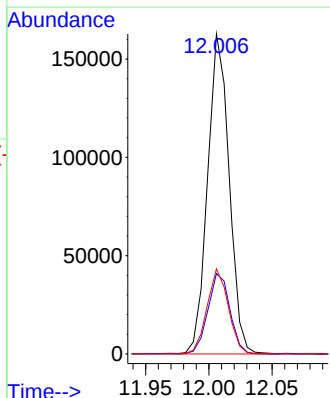
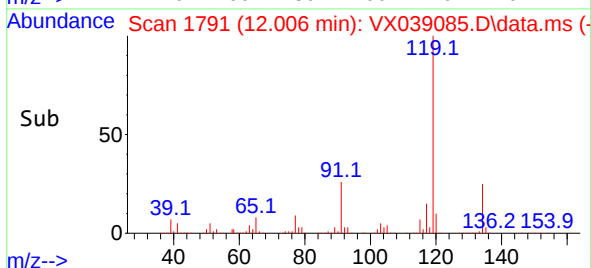
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023

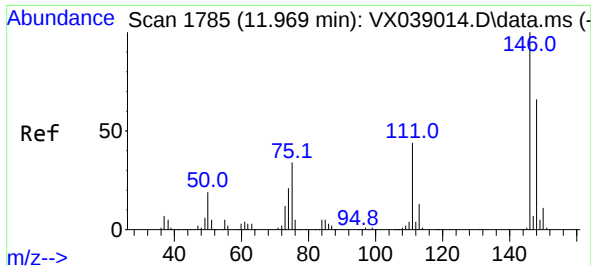


#82
 p-Isopropyltoluene
 Concen: 21.937 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039085.D
 Acq: 06 Dec 2023 10:12



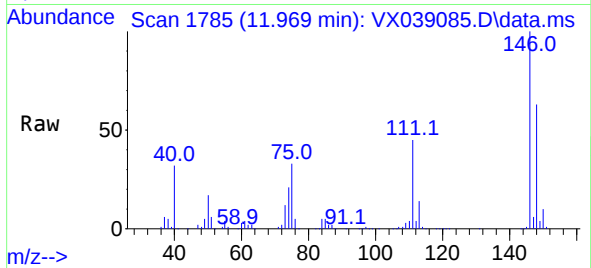
Tgt Ion:119 Resp: 192948
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.6
 91 26.3 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 21.672 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

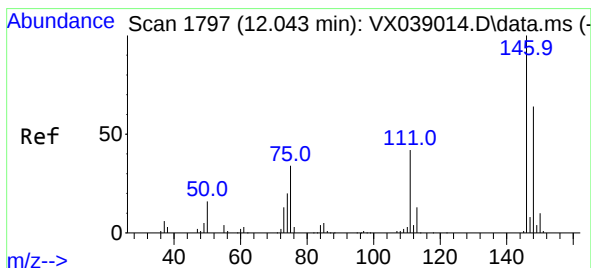
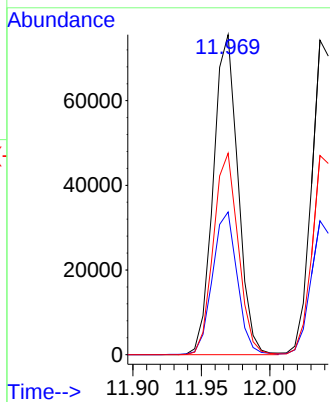
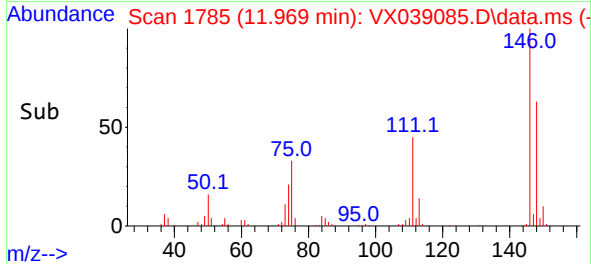
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



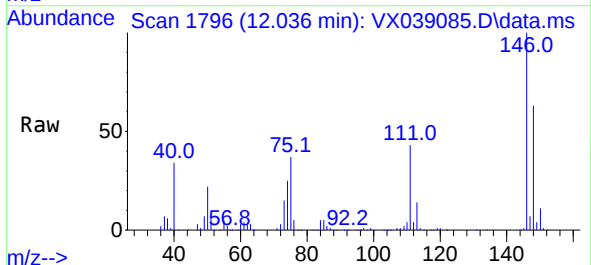
Tgt Ion:146 Resp: 94620
Ion Ratio Lower Upper
146 100
111 44.6 22.3 66.9
148 63.1 32.8 98.3

Manual Integrations
APPROVED

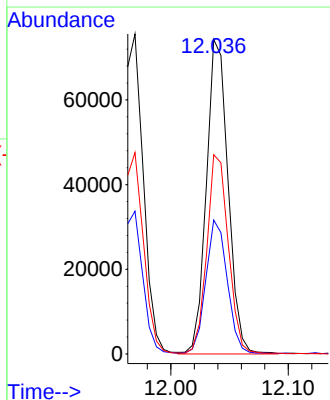
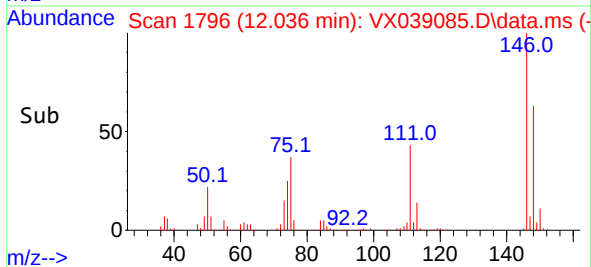
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

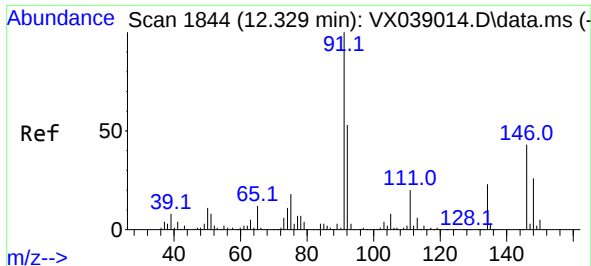


#84
1,4-Dichlorobenzene
Concen: 21.299 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



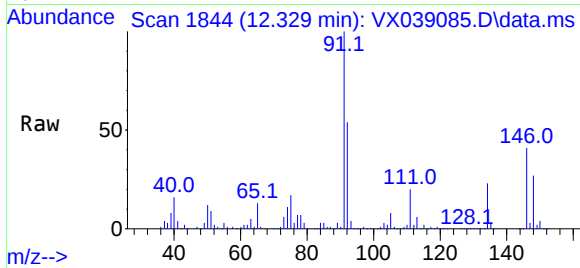
Tgt Ion:146 Resp: 95424
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 62.8 31.8 95.4





#85
n-Butylbenzene
Concen: 22.279 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

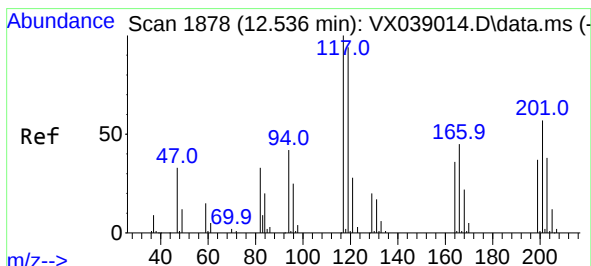
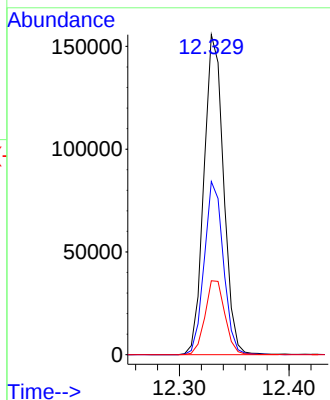
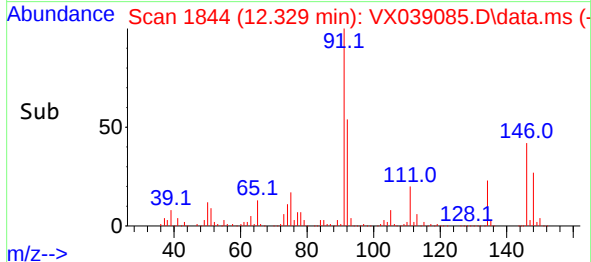
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



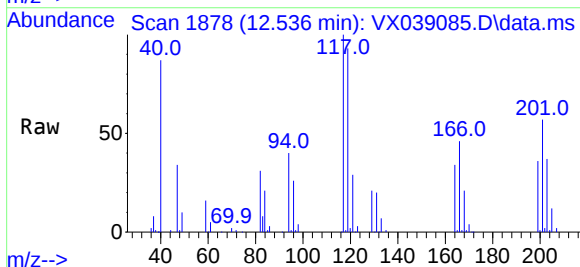
Tgt Ion: 91 Resp: 193510
Ion Ratio Lower Upper
91 100
92 52.8 0.0 106.2
134 23.5 0.0 48.8

Manual Integrations
APPROVED

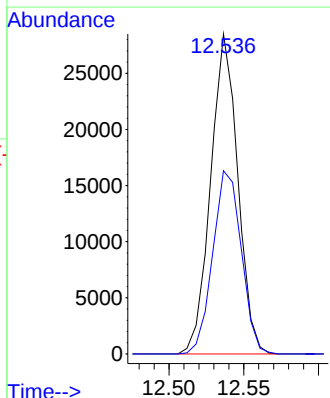
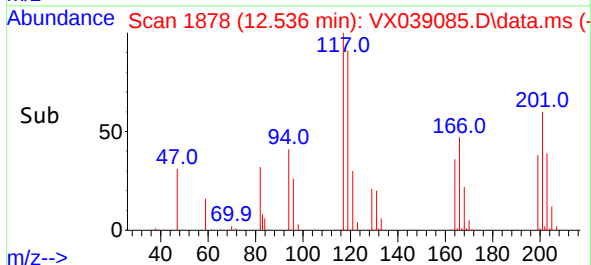
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

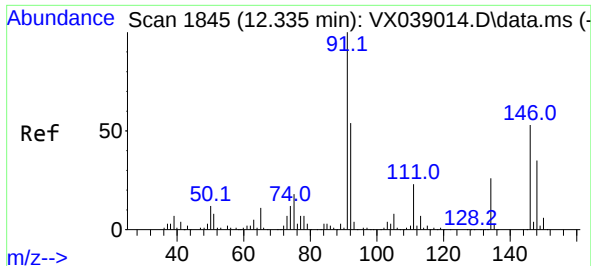


#86
Hexachloroethane
Concen: 21.551 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion:117 Resp: 35916
Ion Ratio Lower Upper
117 100
201 60.3 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 21.334 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039085.D

Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 89570

Ion Ratio Lower Upper

146 100

111 46.2 22.4 67.2

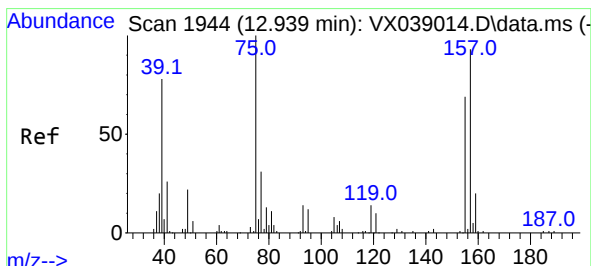
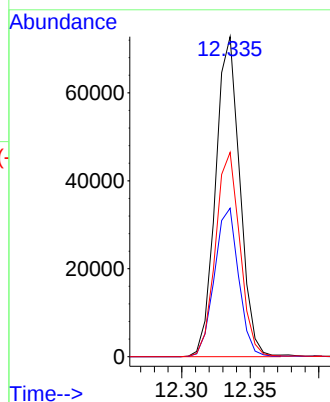
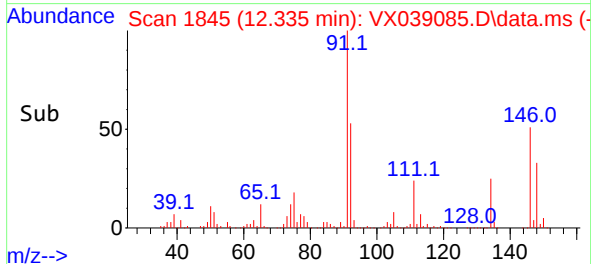
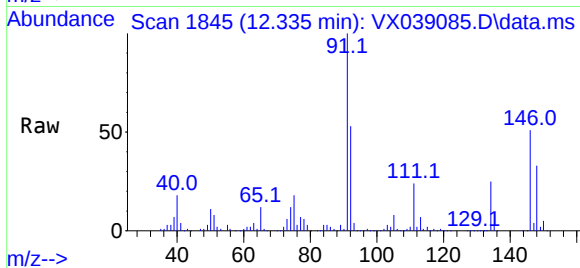
148 64.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.032 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039085.D

Acq: 06 Dec 2023 10:12

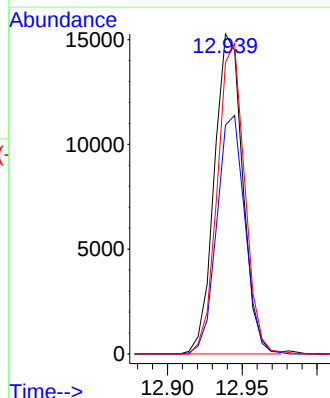
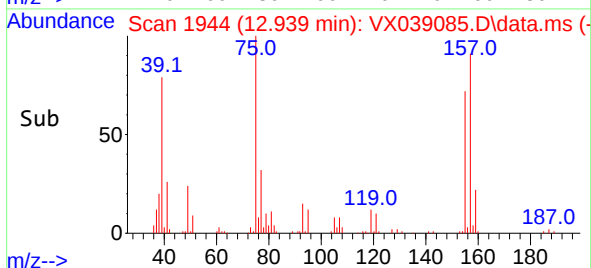
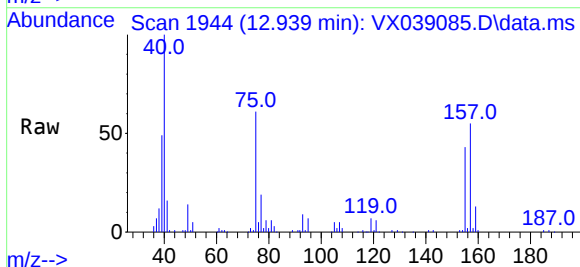
Tgt Ion: 75 Resp: 20123

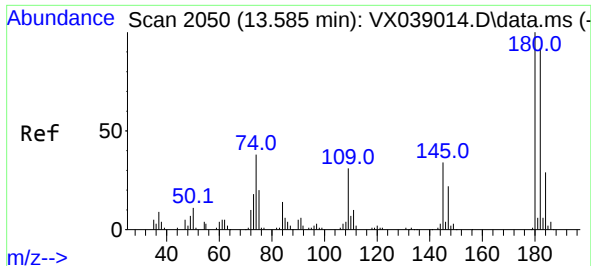
Ion Ratio Lower Upper

75 100

155 74.0 58.2 87.4

157 93.5 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 21.596 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

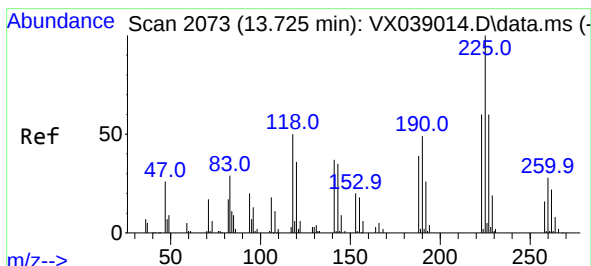
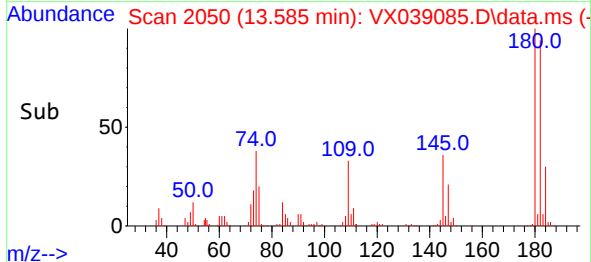
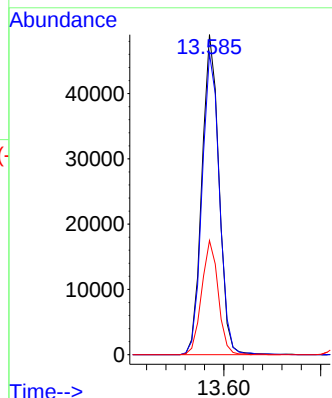
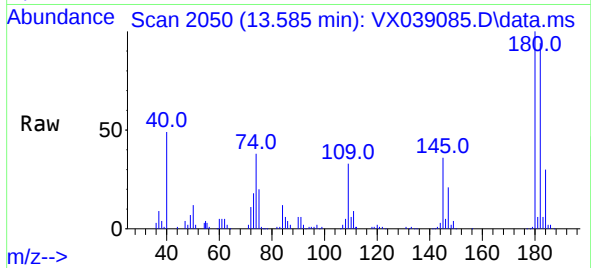
VSTDCCC020

Tgt Ion:180 Resp: 6011
Ion Ratio Lower Upper
180 100
182 95.7 74.5 111.7
145 34.6 26.6 40.0

Manual Integrations

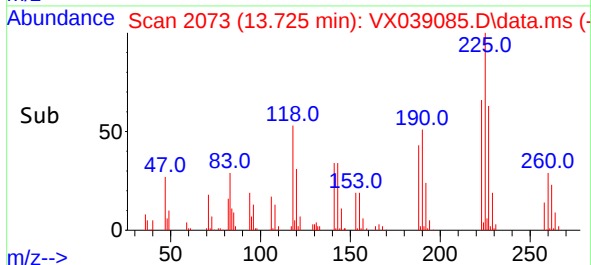
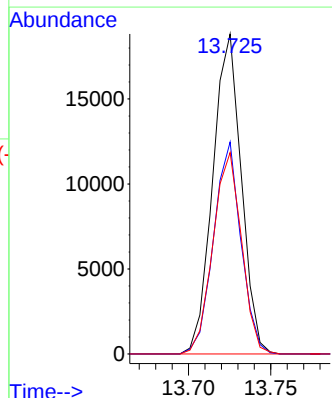
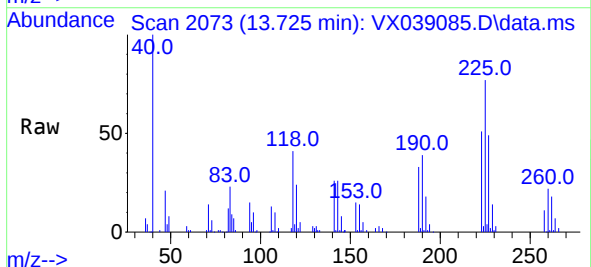
APPROVED

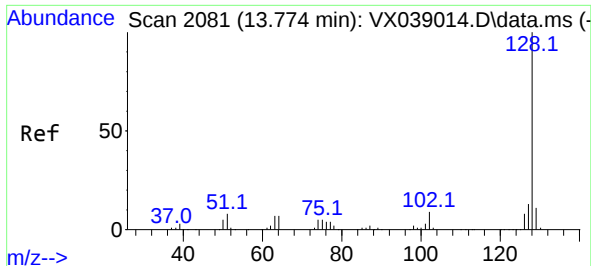
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#90
Hexachlorobutadiene
Concen: 22.813 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

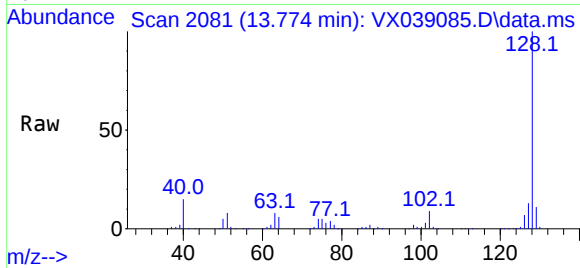
Tgt Ion:225 Resp: 22676
Ion Ratio Lower Upper
225 100
223 63.8 0.0 124.4
227 62.9 0.0 124.4





#91
Naphthalene
Concen: 20.984 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12

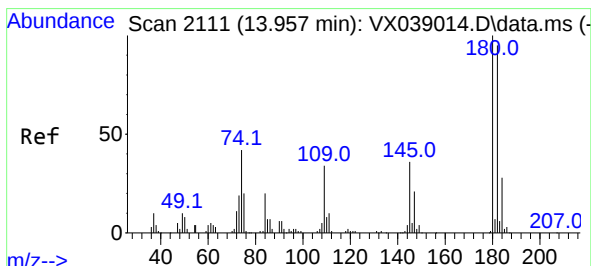
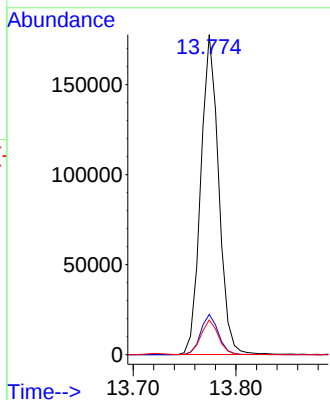
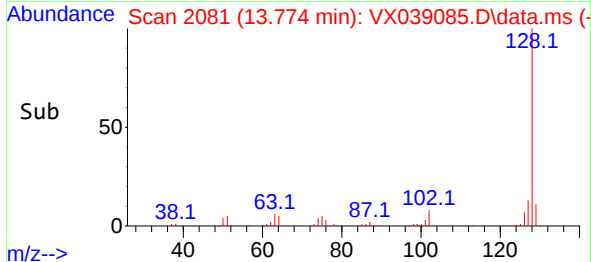
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



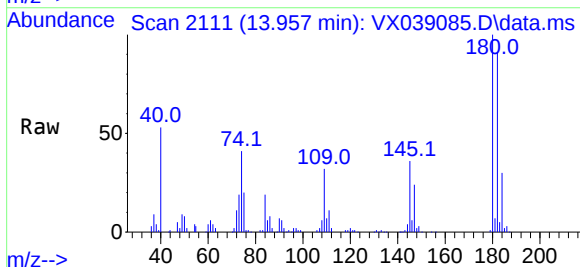
Tgt Ion:128 Resp: 21542
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#92
1,2,3-Trichlorobenzene
Concen: 21.780 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039085.D
Acq: 06 Dec 2023 10:12



Tgt Ion:180 Resp: 58728
Ion Ratio Lower Upper
180 100
182 93.3 0.0 191.6
145 35.8 0.0 69.6

