

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
 Data File : VX034253.D
 Acq On : 23 Feb 2023 17:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2023
 Supervised By : Mahesh Dadoda 02/24/2023

Quant Time: Feb 23 21:48:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	308336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	493867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183780	44.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.520%		
35) Dibromofluoromethane	5.385	113	158890	49.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.647	98	601499	52.101	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.200%		
62) 4-Bromofluorobenzene	11.079	95	240280	54.411	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	136451	51.213	ug/l	99
3) Chloromethane	1.301	50	184801	48.199	ug/l	98
4) Vinyl Chloride	1.374	62	194959	55.833	ug/l	97
5) Bromomethane	1.599	94	82025	63.785	ug/l	95
6) Chloroethane	1.679	64	107416	61.191	ug/l	100
7) Trichlorofluoromethane	1.886	101	286541	60.656	ug/l	97
8) Diethyl Ether	2.136	74	106110	55.754	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	160171	48.144	ug/l	94
10) Methyl Iodide	2.453	142	179804	44.388	ug/l	93
11) Tert butyl alcohol	2.959	59	198080	213.270	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	152593	45.755	ug/l	90
13) Acrolein	2.233	56	93162	219.739	ug/l	100
14) Allyl chloride	2.660	41	301953	42.683	ug/l	89
15) Acrylonitrile	3.063	53	476209	235.032	ug/l	99
16) Acetone	2.380	43	467969	218.463	ug/l	91
17) Carbon Disulfide	2.514	76	393439	41.033	ug/l	100
18) Methyl Acetate	2.703	43	313334	47.273	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	550318	46.754	ug/l	98
20) Methylene Chloride	2.788	84	174067	45.099	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	163480	46.781	ug/l	98
22) Diisopropyl ether	3.758	45	612799	49.410	ug/l	96
23) Vinyl Acetate	3.721	43	2365398	238.050	ug/l	100
24) 1,1-Dichloroethane	3.611	63	312738	45.933	ug/l	99
25) 2-Butanone	4.550	43	704981	227.455	ug/l	99
26) 2,2-Dichloropropane	4.471	77	274337	44.479	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	197124	47.635	ug/l	97
28) Bromochloromethane	4.898	49	149212	49.127	ug/l	88
29) Tetrahydrofuran	5.001	42	440049	232.734	ug/l	99
30) Chloroform	5.093	83	315402	48.242	ug/l	98
31) Cyclohexane	5.471	56	291438	47.008	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	273313	46.634	ug/l	99
36) 1,1-Dichloropropene	5.690	75	234672	49.347	ug/l	98
37) Ethyl Acetate	4.709	43	265355	49.928	ug/l	99
38) Carbon Tetrachloride	5.672	117	239995	49.044	ug/l	99
39) Methylcyclohexane	7.379	83	302021	49.352	ug/l	99
40) Benzene	6.038	78	704923	50.021	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	145258	49.055	ug/l	98
42) 1,2-Dichloroethane	6.086	62	240280	48.478	ug/l	100
43) Isopropyl Acetate	6.336	43	458079	48.843	ug/l	99
44) Trichloroethene	7.123	130	186592	51.595	ug/l	97
45) 1,2-Dichloropropane	7.428	63	188125	50.145	ug/l	100
46) Dibromomethane	7.580	93	124403	50.386	ug/l	89
47) Bromodichloromethane	7.818	83	244469	48.248	ug/l	96
48) Methyl methacrylate	7.690	41	214628	48.215	ug/l	97
49) 1,4-Dioxane	7.653	88	88461	996.307	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	1387096	268.819	ug/l	99
52) Toluene	8.714	92	451523	52.877	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	292764	50.196	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	308170	49.356	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	184776	53.609	ug/l	99
56) Ethyl methacrylate	9.116	69	304962	52.302	ug/l	98
57) 1,3-Dichloropropane	9.305	76	313271	52.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	644039	254.980	ug/l	95
59) 2-Hexanone	9.427	43	1078072	274.149	ug/l	98
60) Dibromochloromethane	9.519	129	201308	52.858	ug/l	100
61) 1,2-Dibromoethane	9.610	107	194797	53.438	ug/l	99
64) Tetrachloroethene	9.275	164	157385	49.166	ug/l	96
65) Chlorobenzene	10.080	112	488696	51.690	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	183792	50.216	ug/l	98
67) Ethyl Benzene	10.195	91	884972	52.102	ug/l	99
68) m/p-Xylenes	10.299	106	692767	106.578	ug/l	97
69) o-Xylene	10.640	106	345424	53.379	ug/l	99
70) Styrene	10.653	104	575047	54.639	ug/l	97
71) Bromoform	10.799	173	153085	51.241	ug/l #	99
73) Isopropylbenzene	10.964	105	893204	49.380	ug/l	100
74) N-amyl acetate	10.842	43	436762	48.063	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	298823	48.301	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	282524m	47.307	ug/l	
77) Bromobenzene	11.195	156	214869	49.362	ug/l	85
78) n-propylbenzene	11.305	91	1064903	50.621	ug/l	97
79) 2-Chlorotoluene	11.366	91	631966	48.992	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	764674	50.282	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	105004	45.168	ug/l	91
82) 4-Chlorotoluene	11.451	91	749523	51.015	ug/l	96
83) tert-Butylbenzene	11.713	119	764874	49.108	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	770703	50.122	ug/l	97
85) sec-Butylbenzene	11.890	105	963049	50.916	ug/l	98
86) p-Isopropyltoluene	12.006	119	805034	51.428	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	417854	51.185	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	420840	51.109	ug/l	97
89) n-Butylbenzene	12.329	91	733168	52.587	ug/l	98
90) Hexachloroethane	12.536	117	155327	47.459	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	408063	51.089	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63988	43.373	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	254588	49.647	ug/l	97
94) Hexachlorobutadiene	13.725	225	105624	49.686	ug/l	98
95) Naphthalene	13.774	128	855649	49.532	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	251900	49.480	ug/l	98

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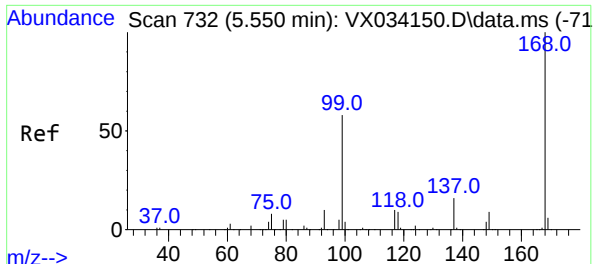
Manual Integrations
APPROVED

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Response via : Initial Calibration

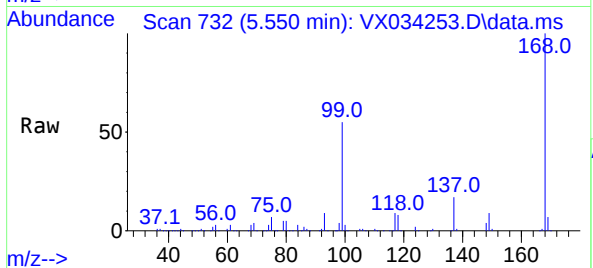
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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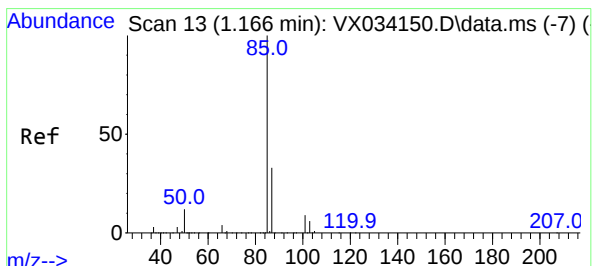
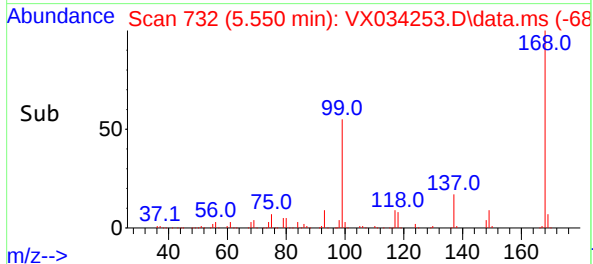
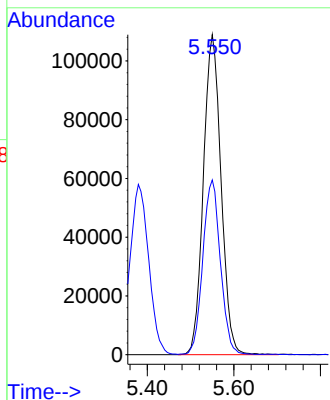
Instrument :
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Tgt Ion:168 Resp: 308330
Ion Ratio Lower Upper
168 100
99 54.5 39.6 59.4

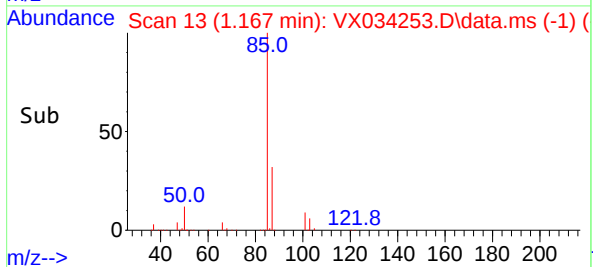
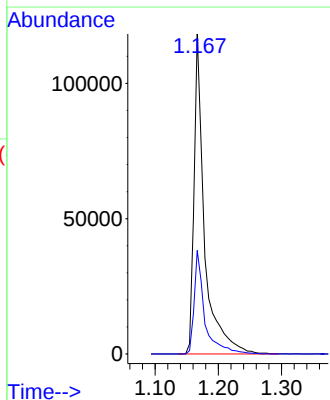
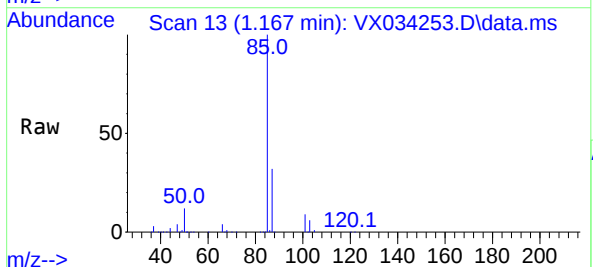
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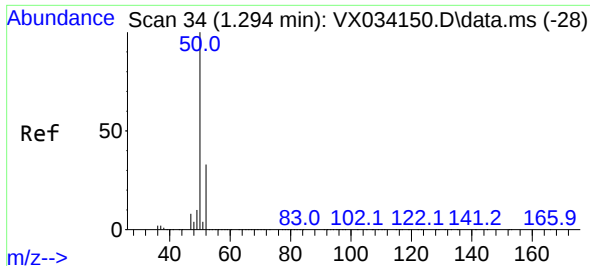
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#2
Dichlorodifluoromethane
Concen: 51.213 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Tgt Ion: 85 Resp: 136451
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





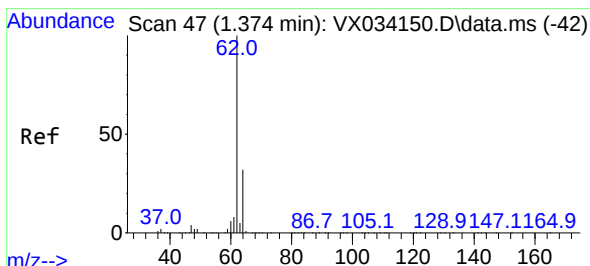
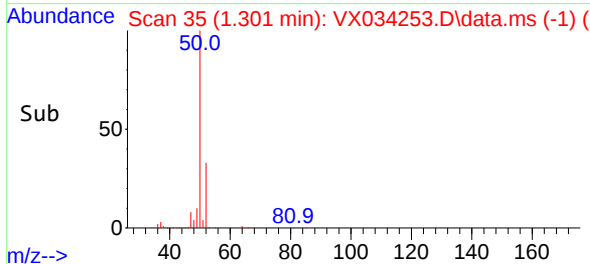
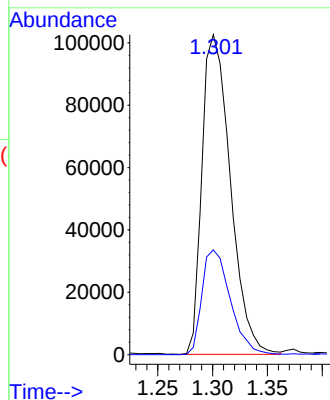
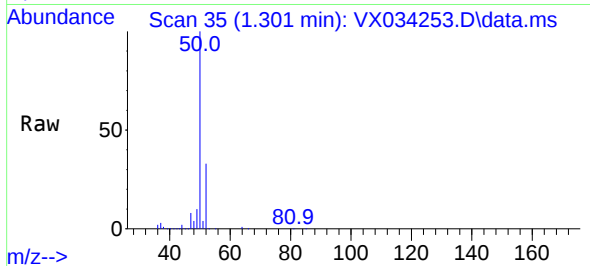
#3
Chloromethane
Concen: 48.199 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

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Tgt Ion: 50 Resp: 18480
Ion Ratio Lower Upper
50 100
52 32.8 25.2 37.8

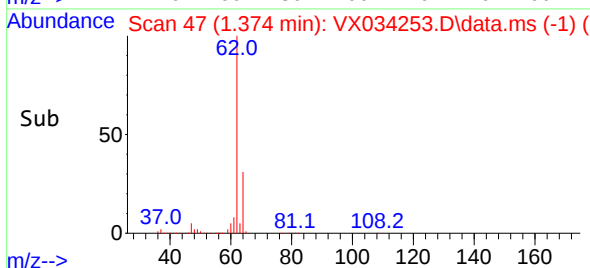
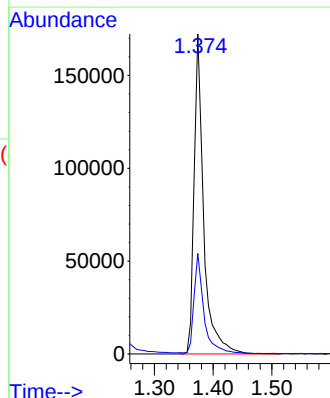
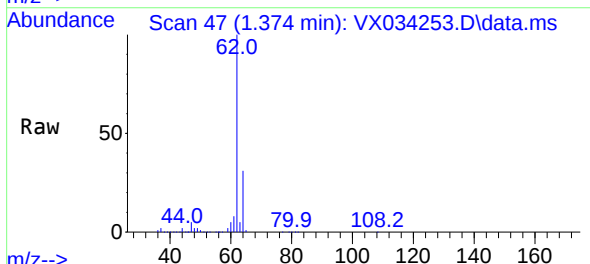
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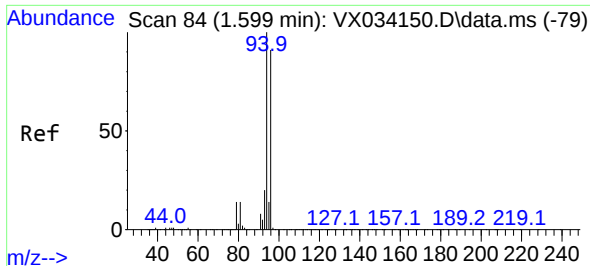
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#4
Vinyl Chloride
Concen: 55.833 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

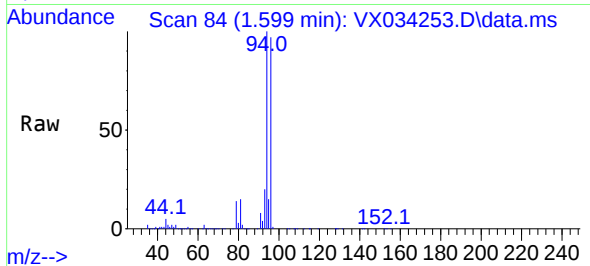
Tgt Ion: 62 Resp: 194959
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.4





#5
Bromomethane
Concen: 63.785 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

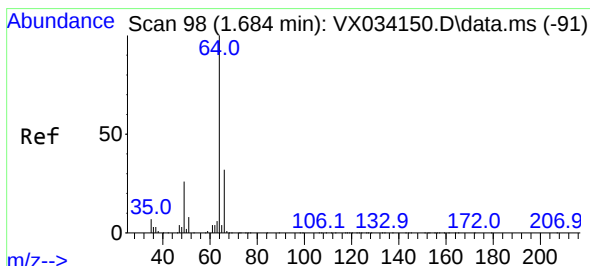
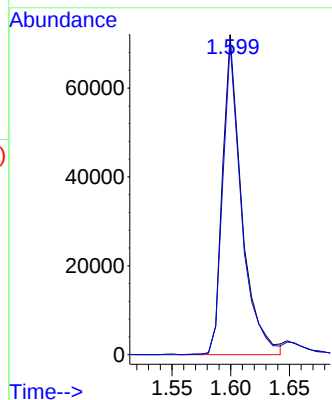
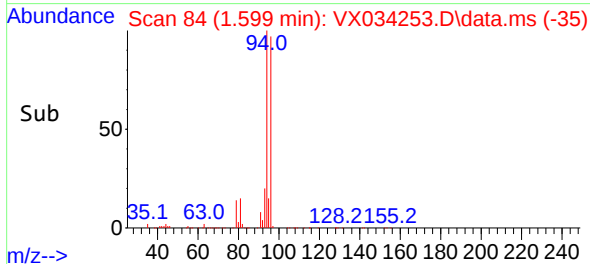
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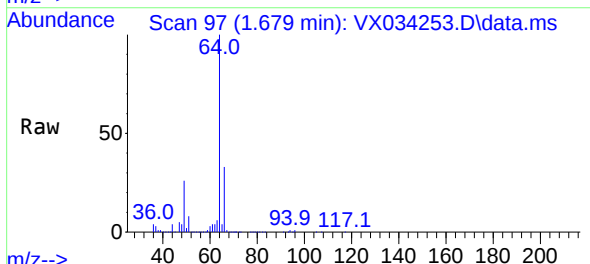
Tgt Ion: 94 Resp: 82025
Ion Ratio Lower Upper
94 100
96 97.3 74.3 111.5

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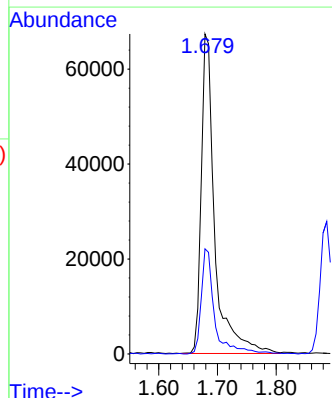
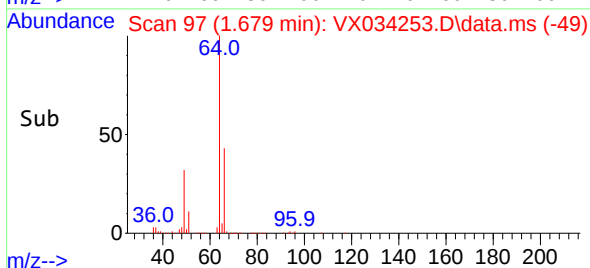
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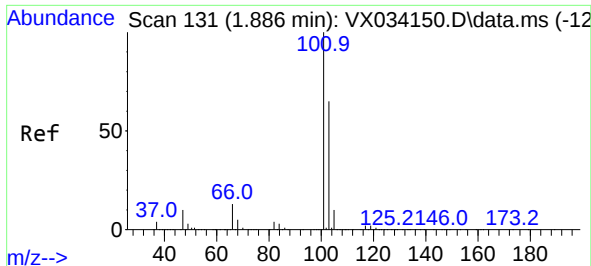


#6
Chloroethane
Concen: 61.191 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX034253.D
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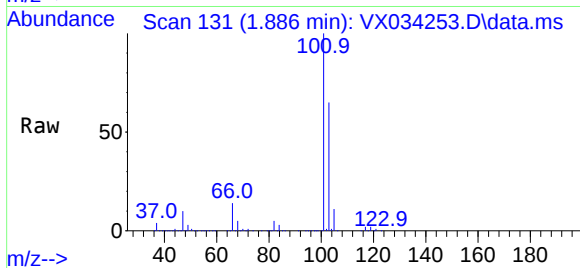
Tgt Ion: 64 Resp: 107416
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 60.656 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034253.D
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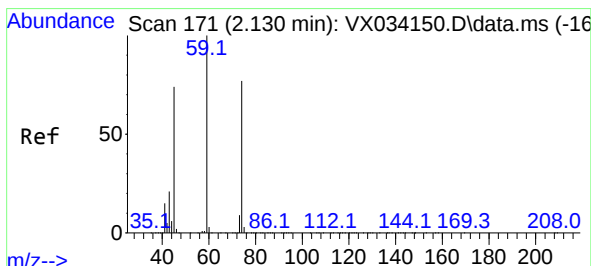
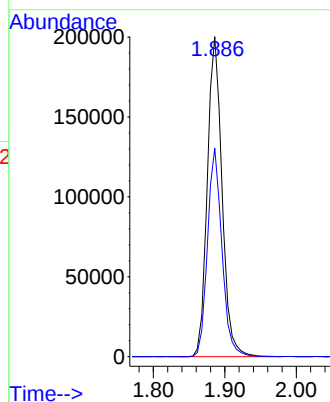
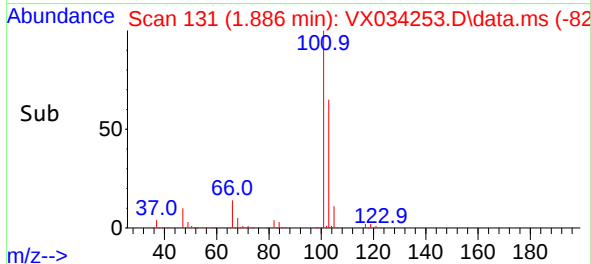
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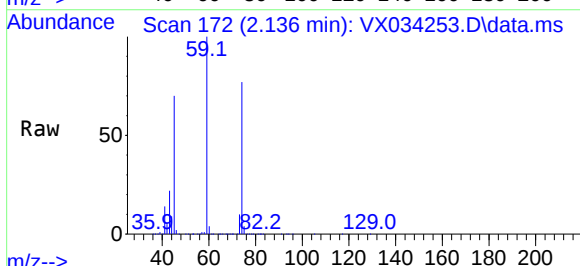
Tgt Ion:101 Resp: 28654
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

Manual Integrations
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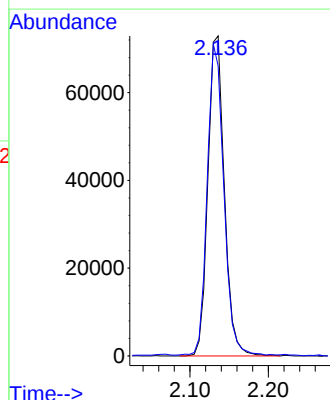
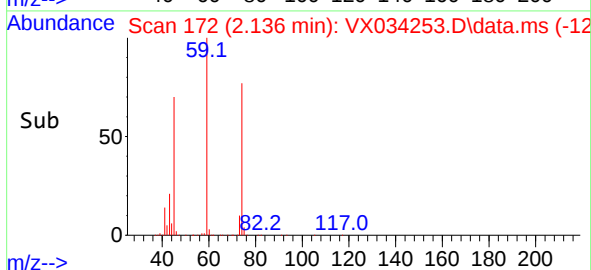
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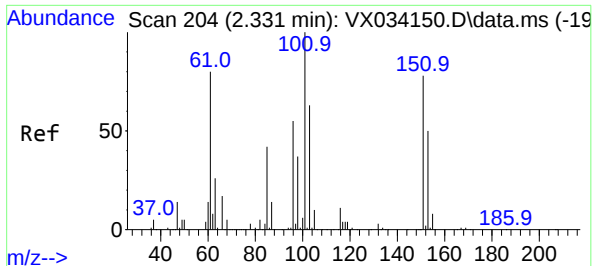


#8
Diethyl Ether
Concen: 55.754 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034253.D
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Tgt Ion: 74 Resp: 106110
Ion Ratio Lower Upper
74 100
45 97.6 51.5 154.5





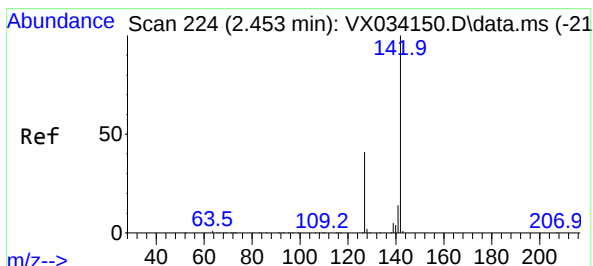
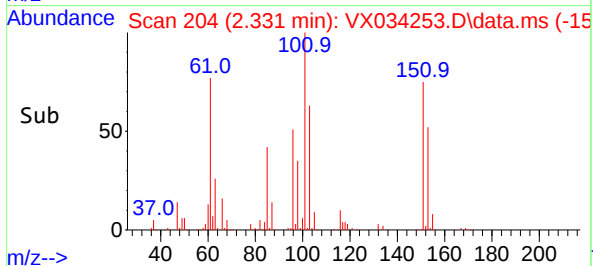
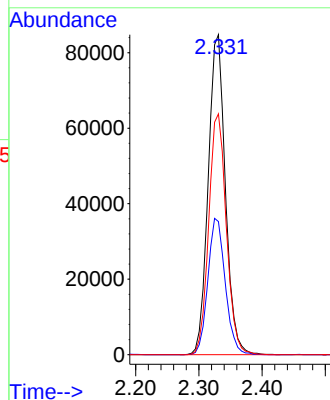
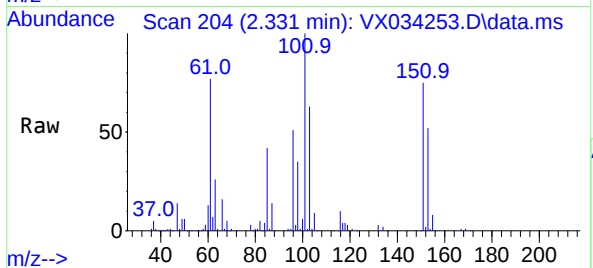
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.144 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16017
Ion Ratio Lower Upper
101 100
85 43.2 36.7 55.1
151 77.1 66.5 99.7

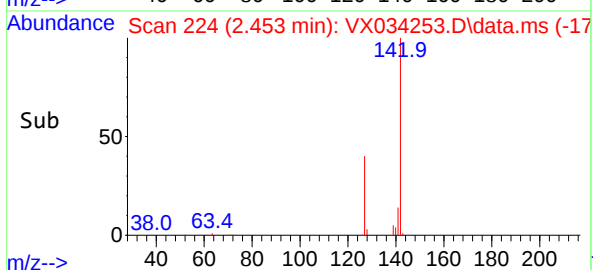
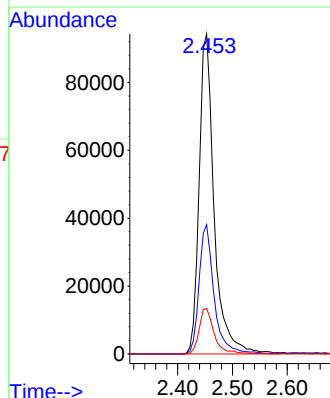
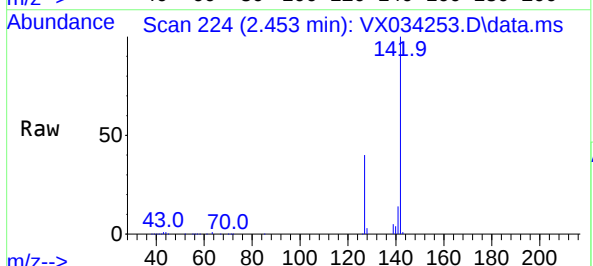
Manual Integrations
APPROVED

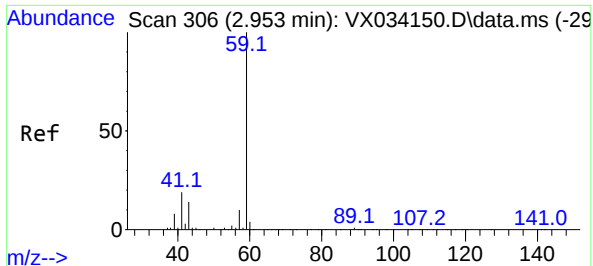
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#10
Methyl Iodide
Concen: 44.388 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

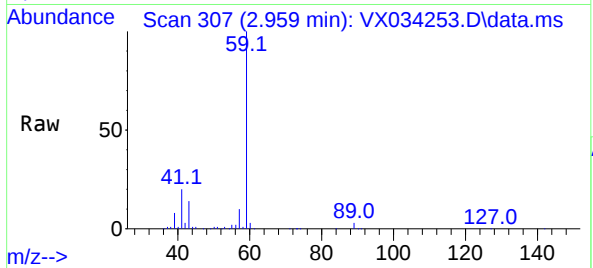
Tgt Ion:142 Resp: 179804
Ion Ratio Lower Upper
142 100
127 40.4 37.3 55.9
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 213.270 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

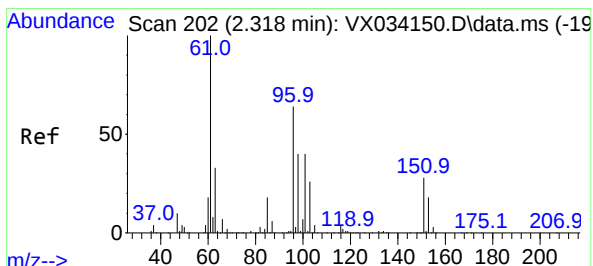
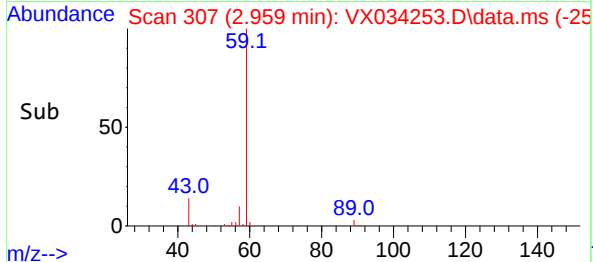
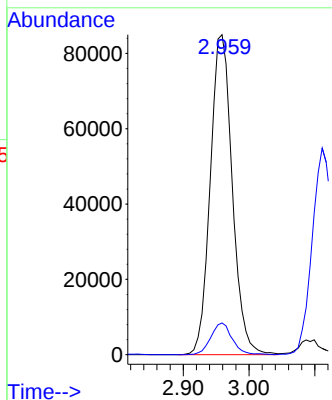
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 198080
Ion Ratio Lower Upper
59 100
57 9.6 3.7 5.5

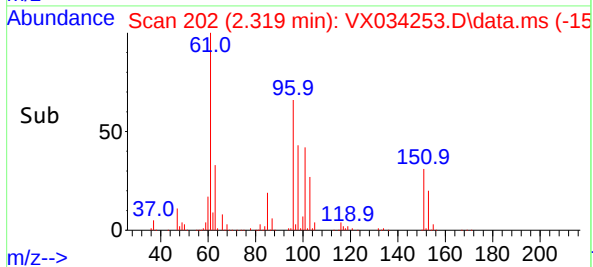
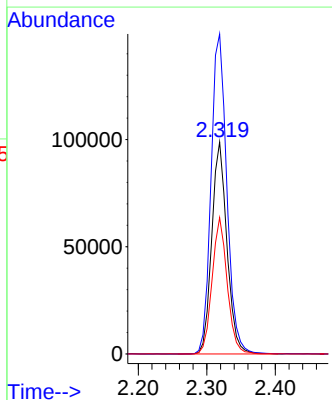
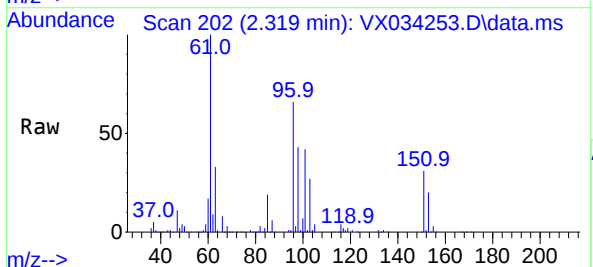
Manual Integrations
APPROVED

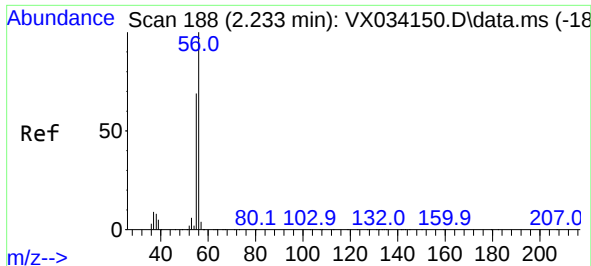
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#12
1,1-Dichloroethene
Concen: 45.755 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

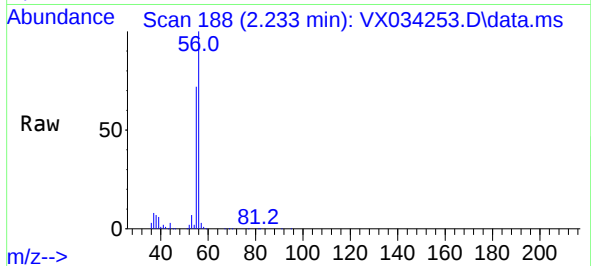
Tgt Ion: 96 Resp: 152593
Ion Ratio Lower Upper
96 100
61 150.9 134.2 201.4
98 64.3 50.2 75.2





#13
Acrolein
Concen: 219.739 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

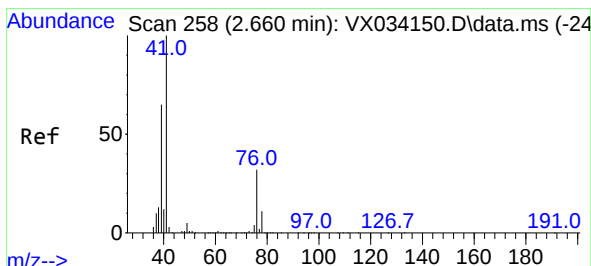
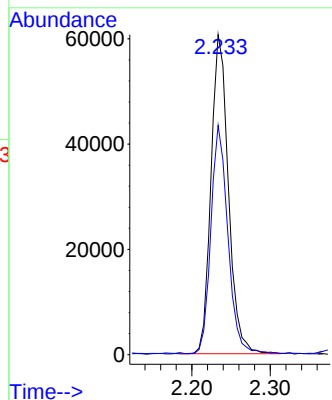
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



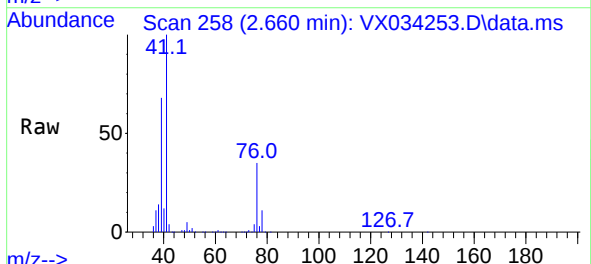
Tgt Ion: 56 Resp: 93162
Ion Ratio Lower Upper
56 100
55 70.1 56.3 84.5

Manual Integrations
APPROVED

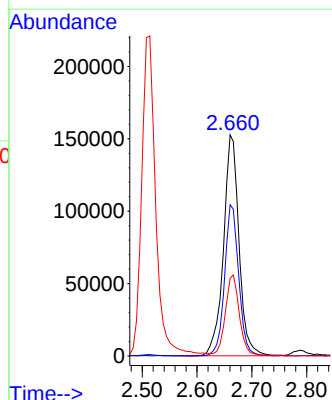
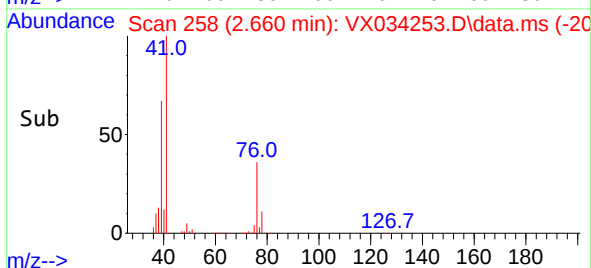
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

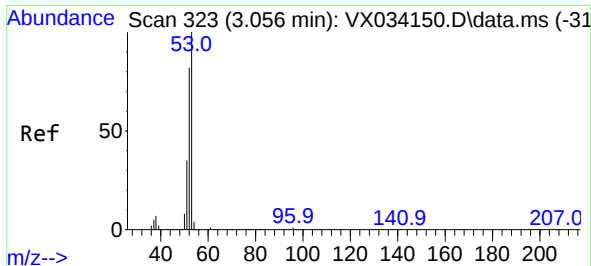


#14
Allyl chloride
Concen: 42.683 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



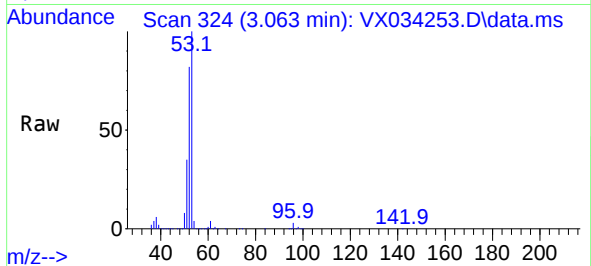
Tgt Ion: 41 Resp: 301953
Ion Ratio Lower Upper
41 100
39 62.4 59.0 88.4
76 33.3 24.6 37.0





#15
Acrylonitrile
Concen: 235.032 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

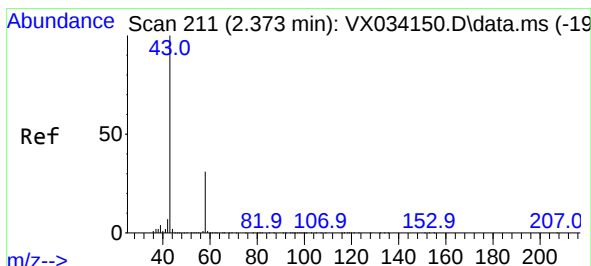
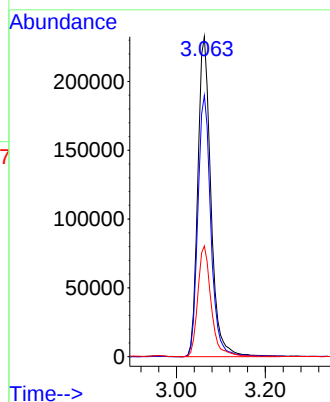
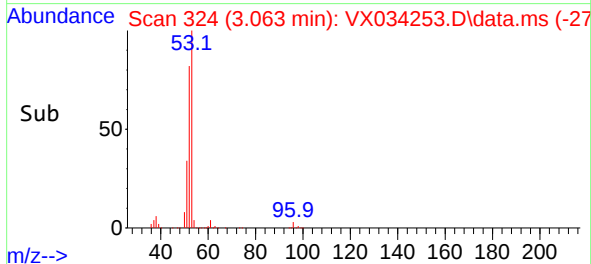
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



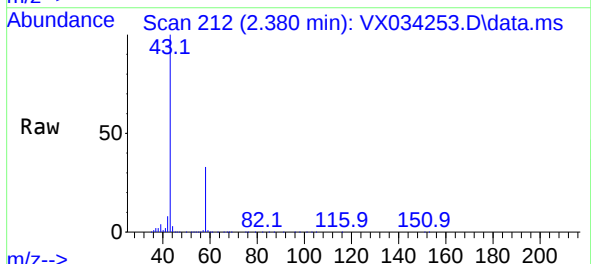
Tgt Ion: 53 Resp: 476209
Ion Ratio Lower Upper
53 100
52 81.1 65.7 98.5
51 35.3 29.0 43.4

Manual Integrations
APPROVED

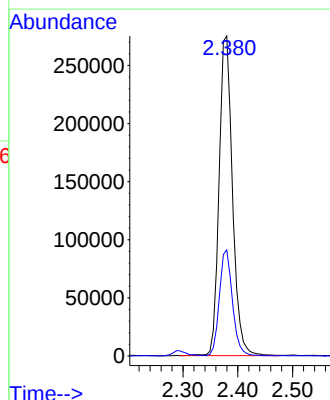
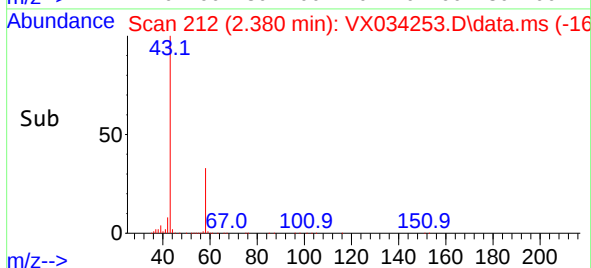
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

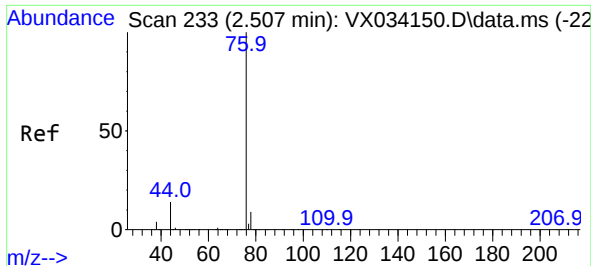


#16
Acetone
Concen: 218.463 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 43 Resp: 467969
Ion Ratio Lower Upper
43 100
58 33.1 22.6 33.8





#17

Carbon Disulfide

Concen: 41.033 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034253.D

Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 393439

Ion Ratio Lower Upper

76 100

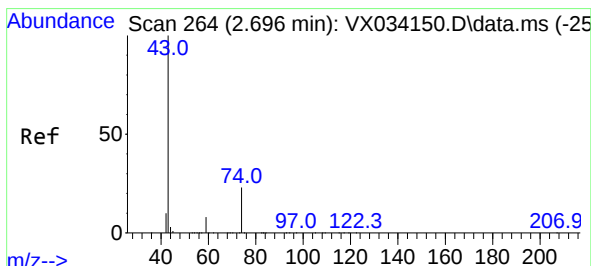
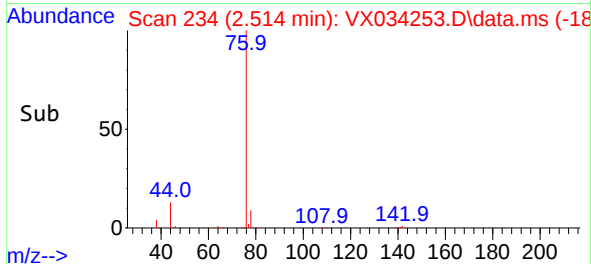
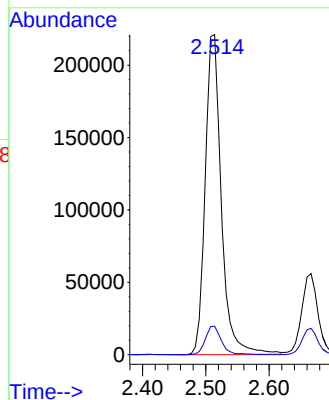
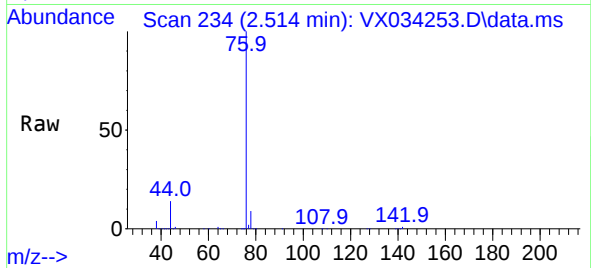
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#18

Methyl Acetate

Concen: 47.273 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034253.D

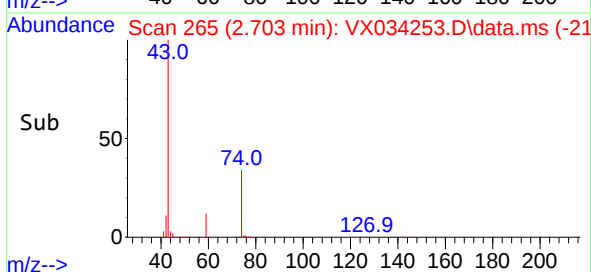
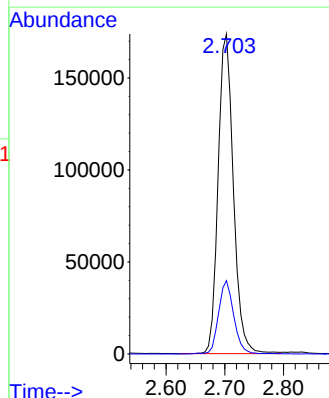
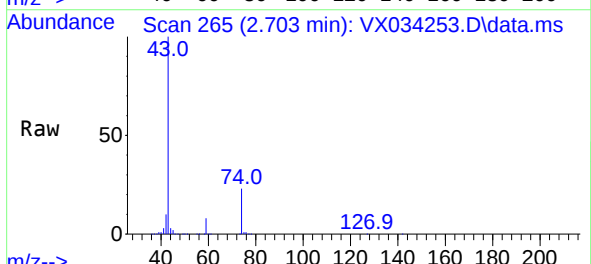
Acq: 23 Feb 2023 17:09

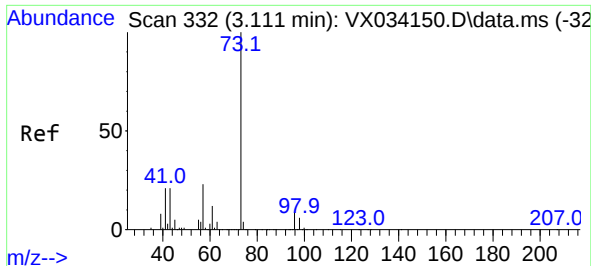
Tgt Ion: 43 Resp: 313334

Ion Ratio Lower Upper

43 100

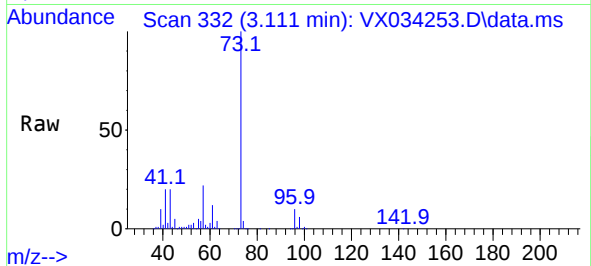
74 22.8 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 46.754 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

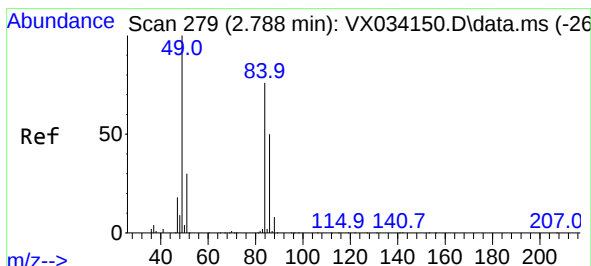
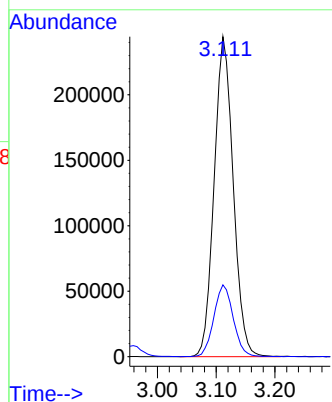
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 550318
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0

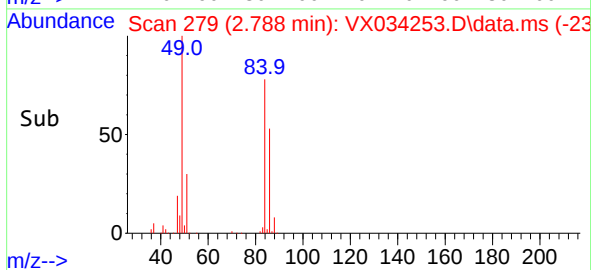
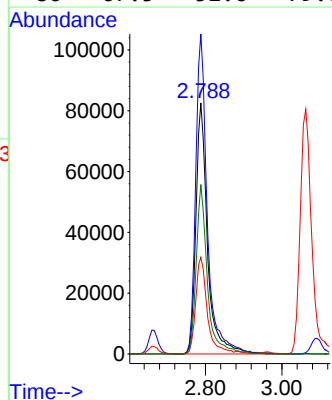
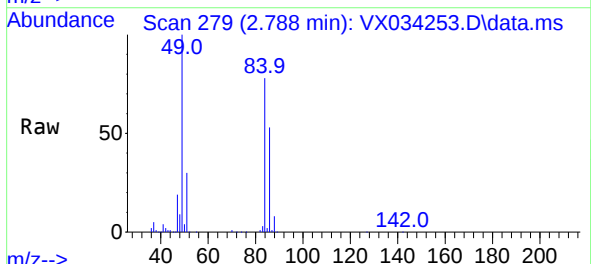
Manual Integrations
APPROVED

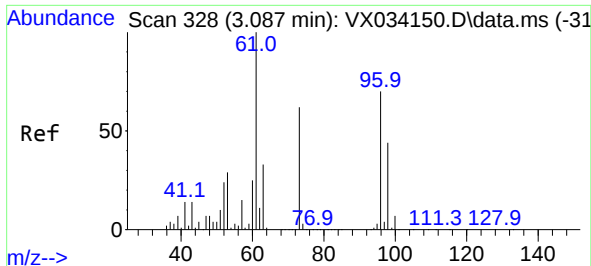
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#20
Methylene Chloride
Concen: 45.099 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

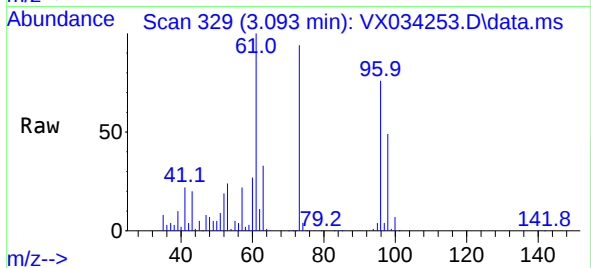
Tgt Ion: 84 Resp: 174067
Ion Ratio Lower Upper
84 100
49 127.4 101.1 151.7
51 38.5 31.0 46.6
86 67.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.781 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

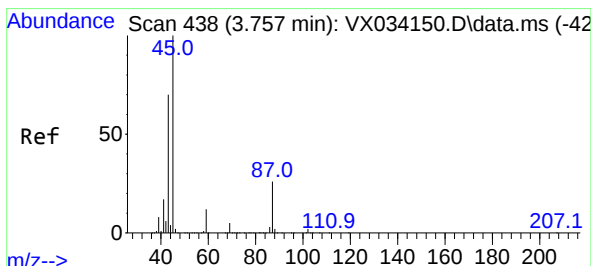
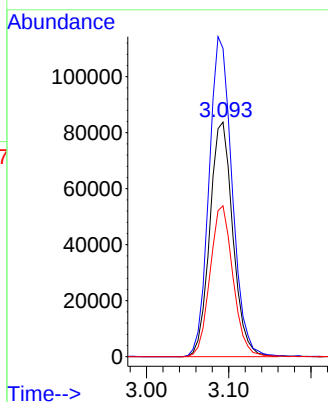
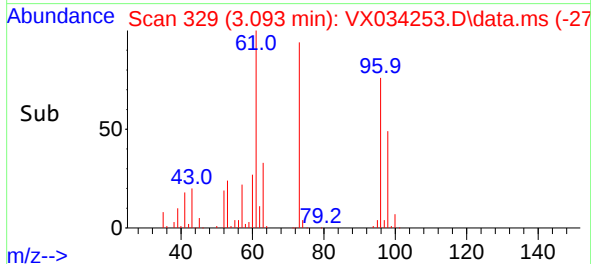
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



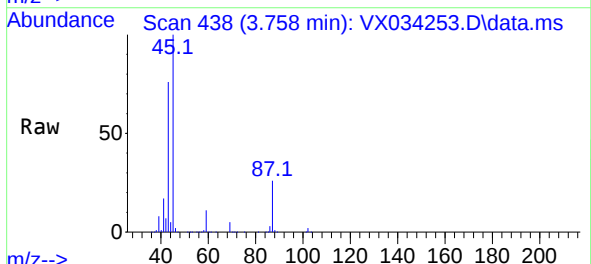
Tgt Ion: 96 Resp: 163480
Ion Ratio Lower Upper
96 100
61 131.4 106.7 160.1
98 64.3 50.0 75.0

Manual Integrations
APPROVED

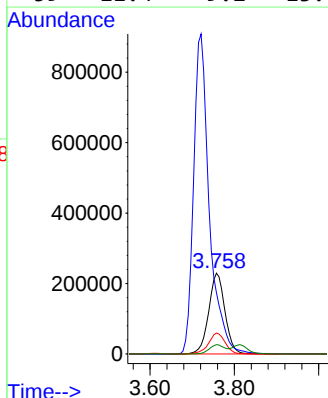
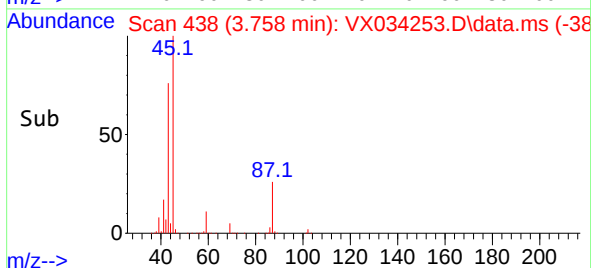
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

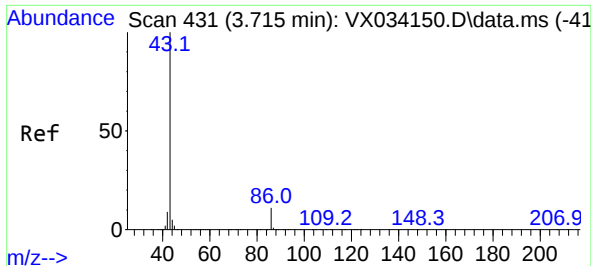


#22
Diisopropyl ether
Concen: 49.410 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



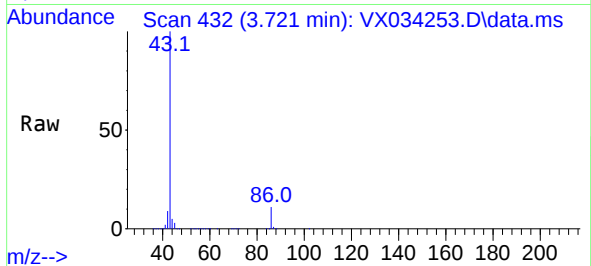
Tgt Ion: 45 Resp: 612799
Ion Ratio Lower Upper
45 100
43 75.8 64.6 97.0
87 26.0 21.9 32.9
59 11.4 9.2 13.8





#23
 Vinyl Acetate
 Concen: 238.050 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034253.D
 Acq: 23 Feb 2023 17:09

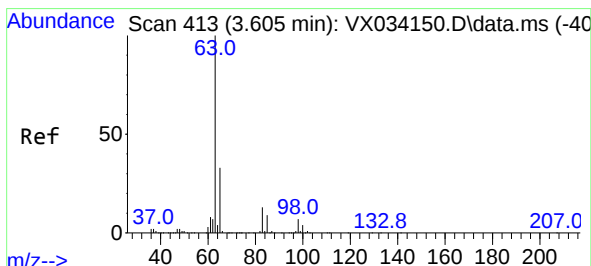
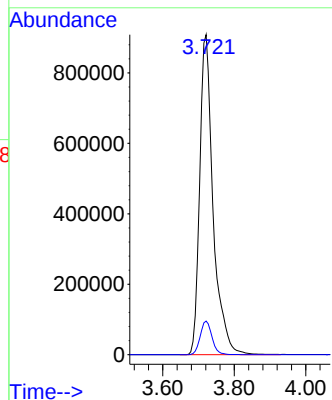
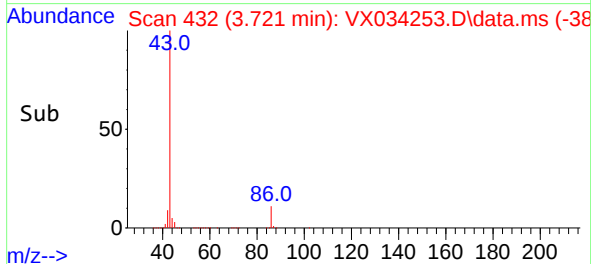
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2365398
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

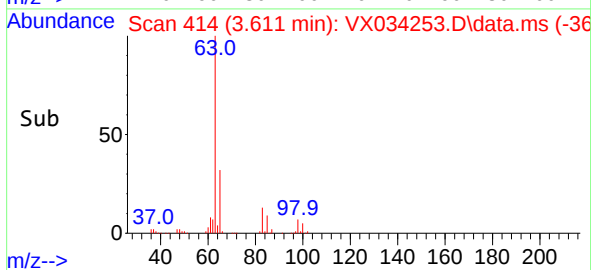
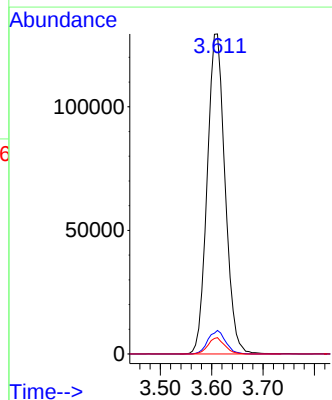
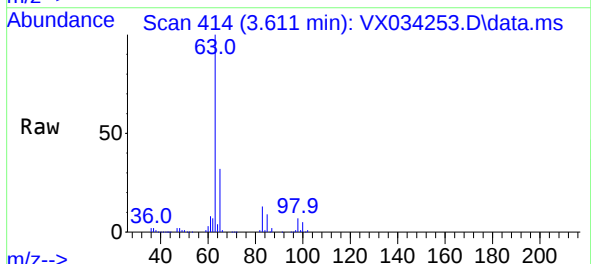
Manual Integrations
 APPROVED

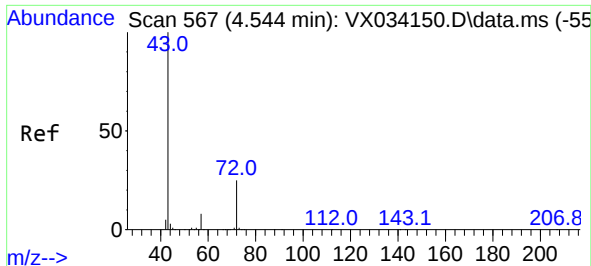
Reviewed By :John Carlone 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023



#24
 1,1-Dichloroethane
 Concen: 45.933 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034253.D
 Acq: 23 Feb 2023 17:09

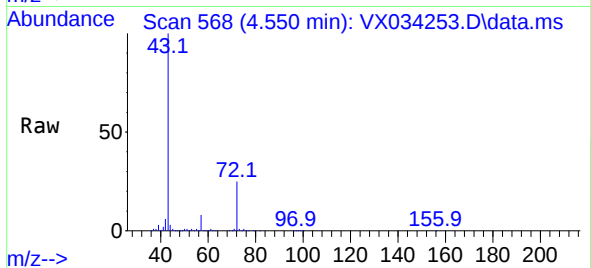
Tgt Ion: 63 Resp: 312738
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 227.455 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

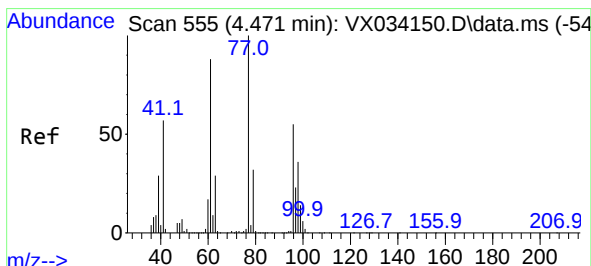
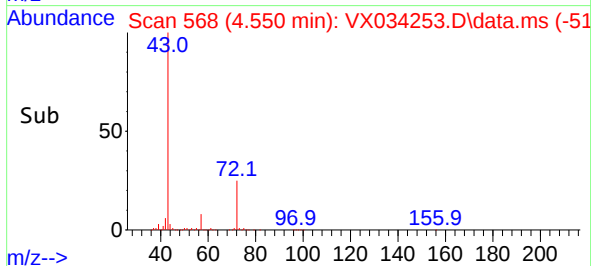
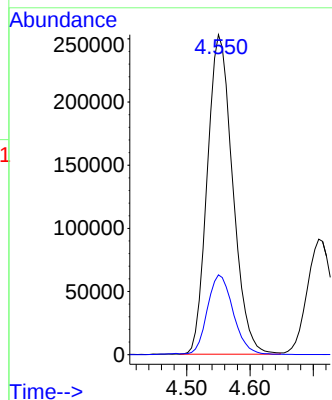
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 70498
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

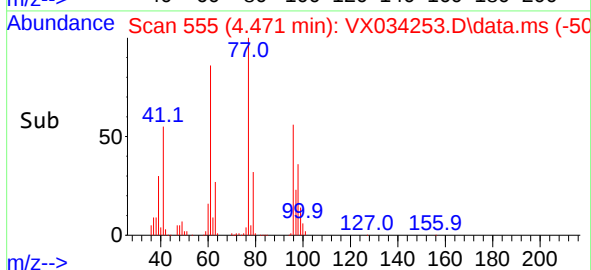
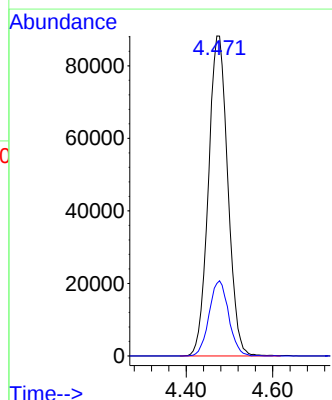
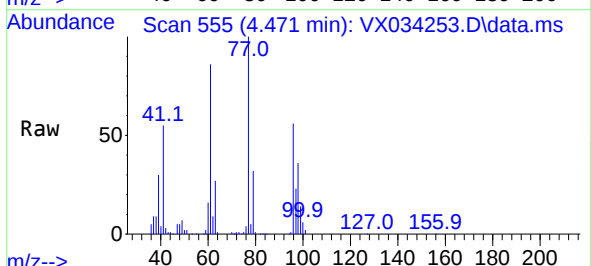
Manual Integrations
APPROVED

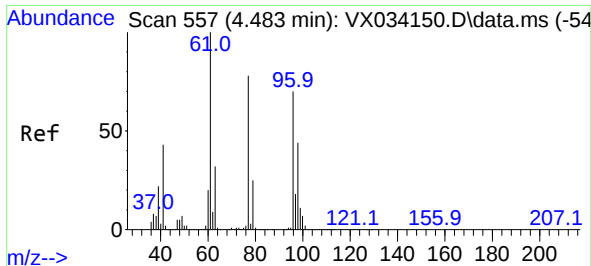
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#26
2,2-Dichloropropane
Concen: 44.479 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

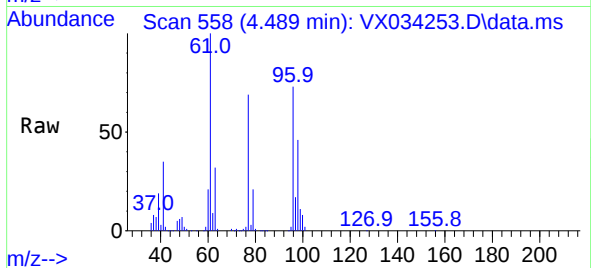
Tgt Ion: 77 Resp: 274337
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 47.635 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

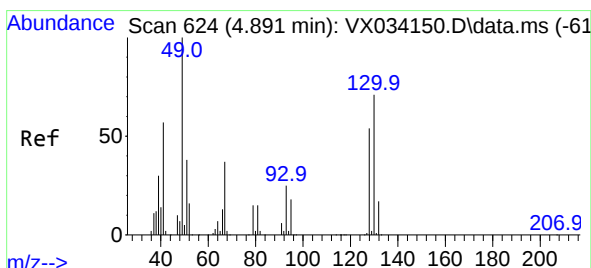
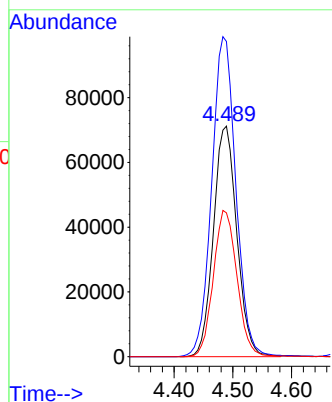
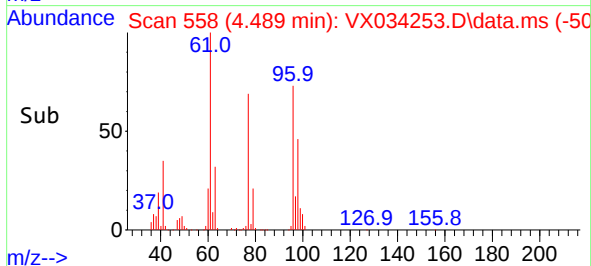
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



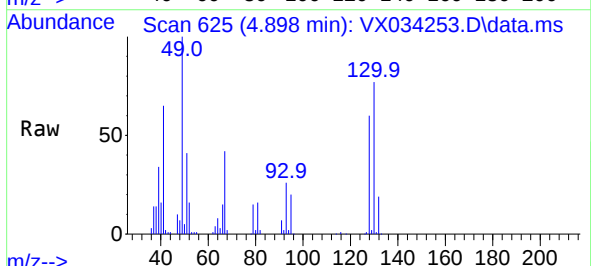
Tgt Ion: 96 Resp: 197124
Ion Ratio Lower Upper
96 100
61 143.3 0.0 277.6
98 64.2 0.0 128.0

Manual Integrations
APPROVED

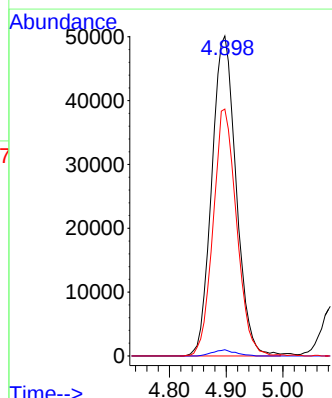
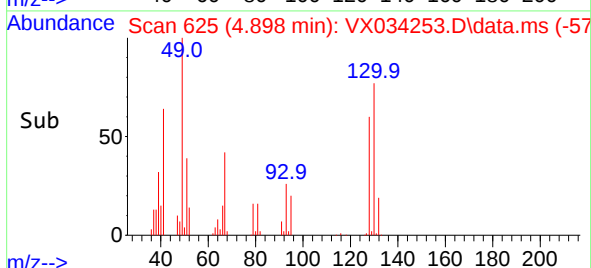
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

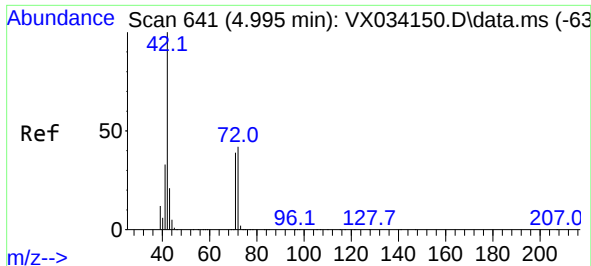


#28
Bromochloromethane
Concen: 49.127 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 49 Resp: 149212
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 74.5 68.5 102.7





#29

Tetrahydrofuran

Concen: 232.734 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034253.D

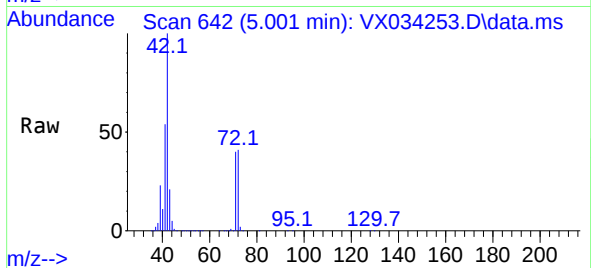
Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 440049

Ion Ratio Lower Upper

42 100

72 42.9 34.8 52.2

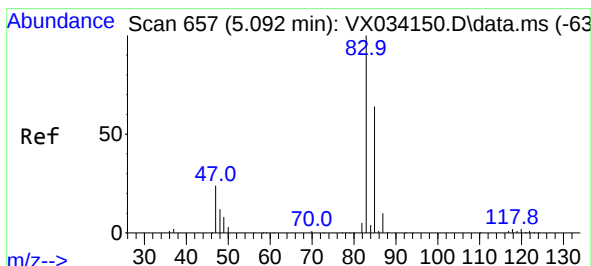
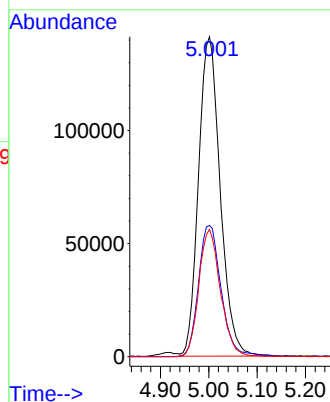
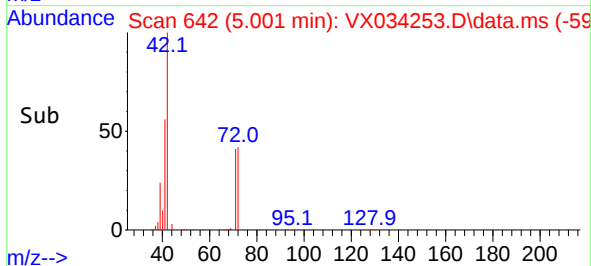
71 39.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#30

Chloroform

Concen: 48.242 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034253.D

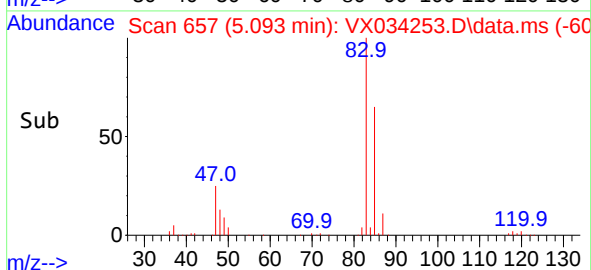
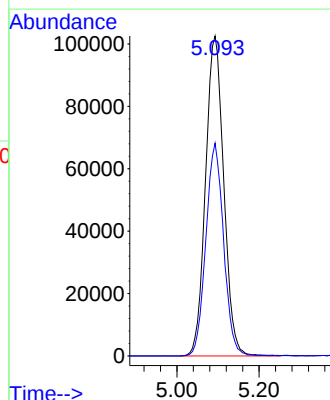
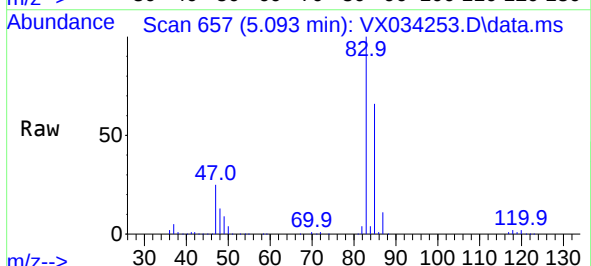
Acq: 23 Feb 2023 17:09

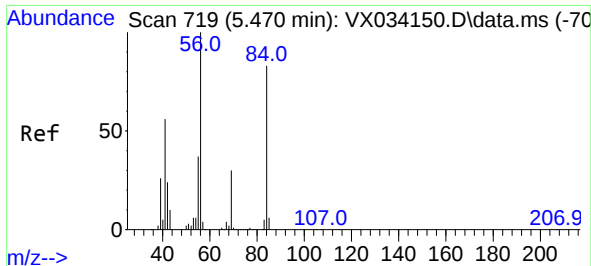
Tgt Ion: 83 Resp: 315402

Ion Ratio Lower Upper

83 100

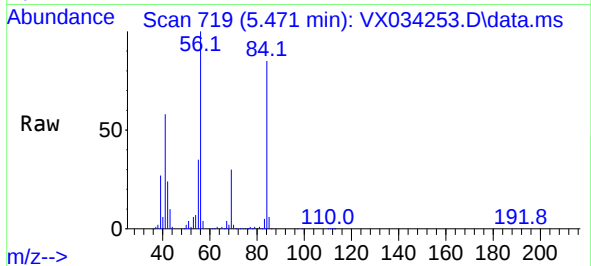
85 66.5 52.1 78.1





#31
Cyclohexane
Concen: 47.008 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

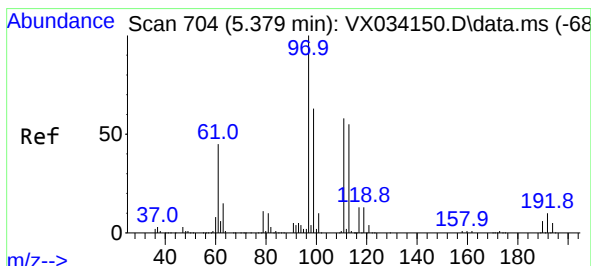
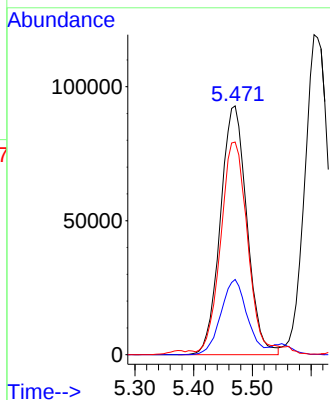
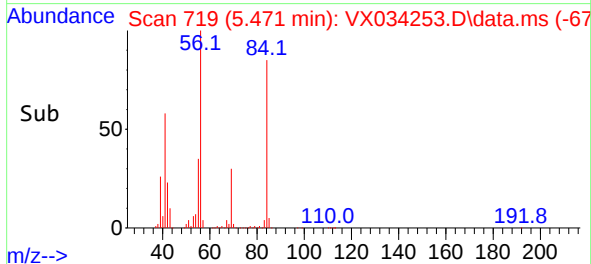
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



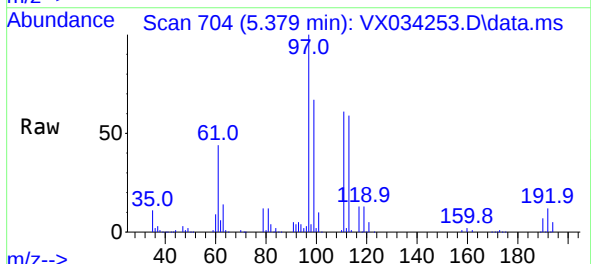
Tgt Ion: 56 Resp: 291438
Ion Ratio Lower Upper
56 100
69 30.2 24.6 37.0
84 83.8 71.0 106.6

Manual Integrations
APPROVED

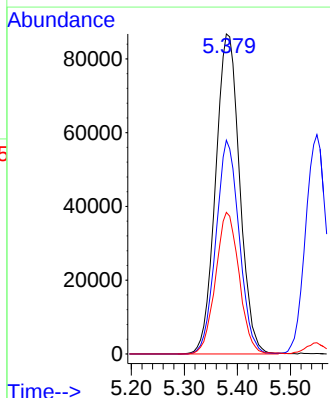
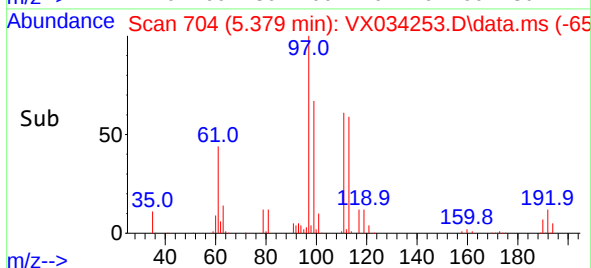
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

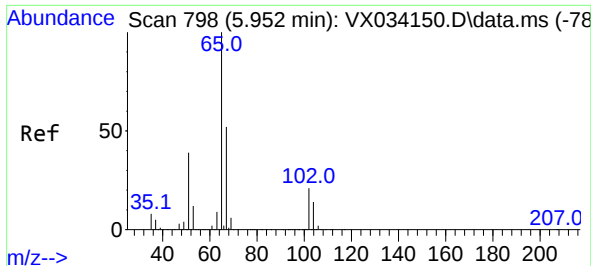


#32
1,1,1-Trichloroethane
Concen: 46.634 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



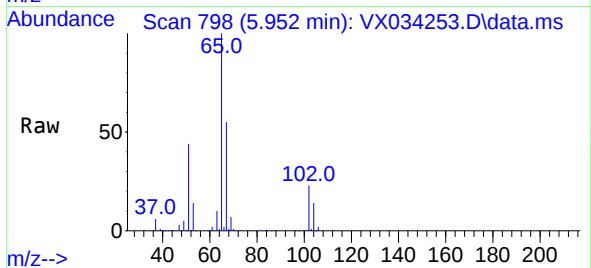
Tgt Ion: 97 Resp: 273313
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 43.5 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 44.257 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

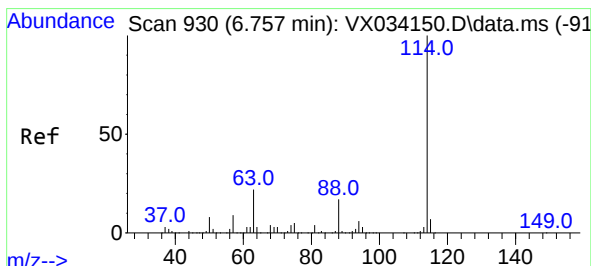
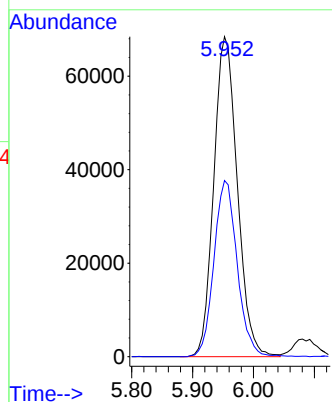
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 183780
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.8

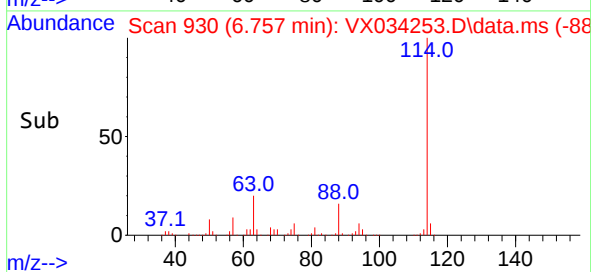
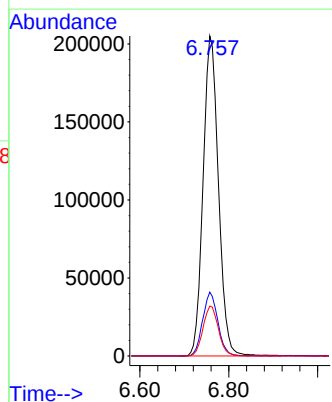
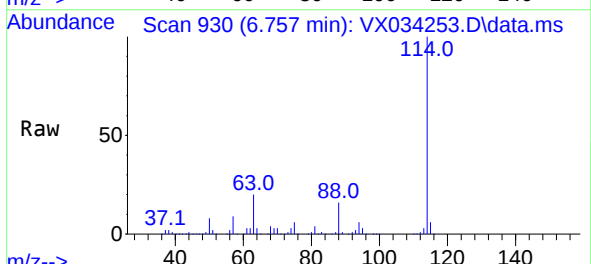
Manual Integrations
APPROVED

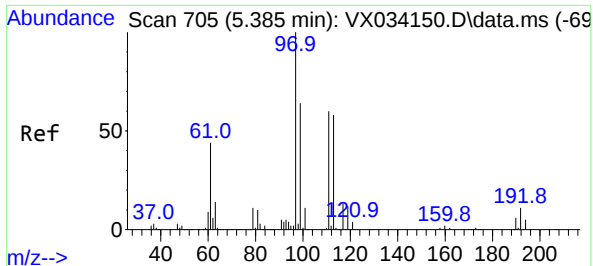
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

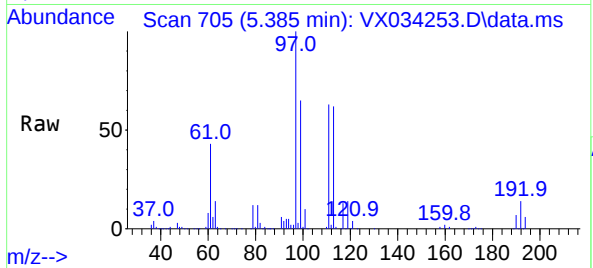
Tgt Ion:114 Resp: 493867
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.413 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

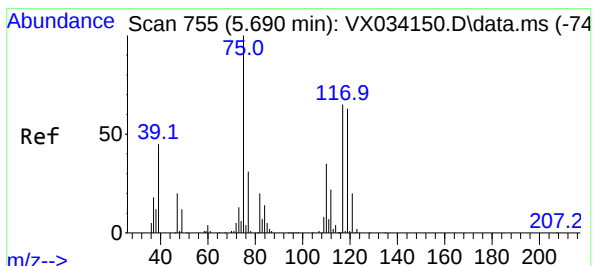
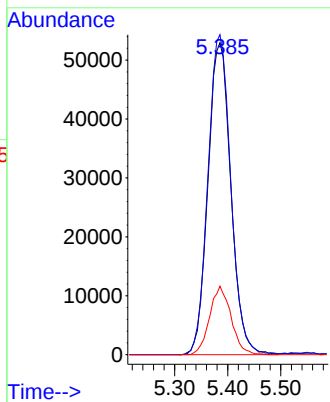
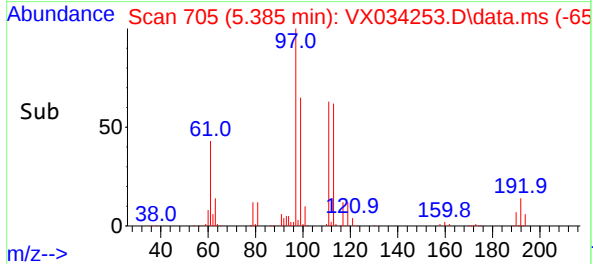
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



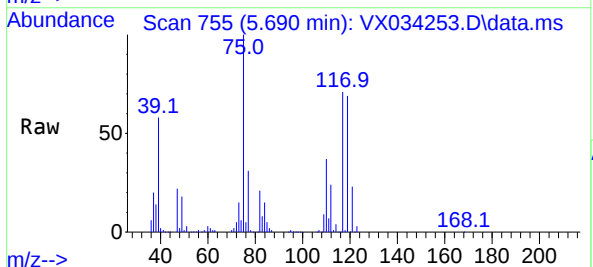
Tgt Ion:113 Resp: 158890
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 20.6 19.0 28.4

Manual Integrations
APPROVED

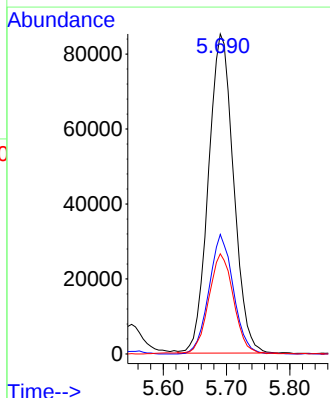
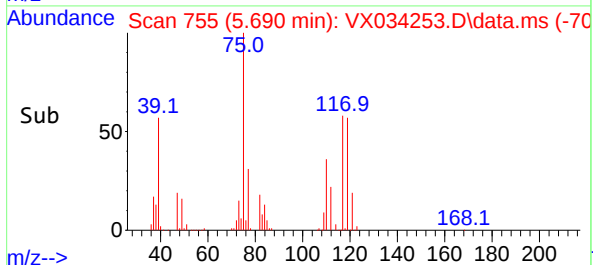
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

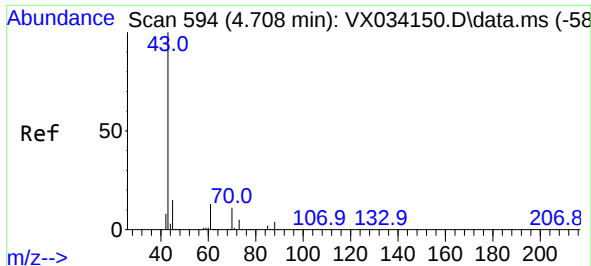


#36
1,1-Dichloropropene
Concen: 49.347 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 75 Resp: 234672
Ion Ratio Lower Upper
75 100
110 36.4 18.8 56.4
77 30.8 25.1 37.7





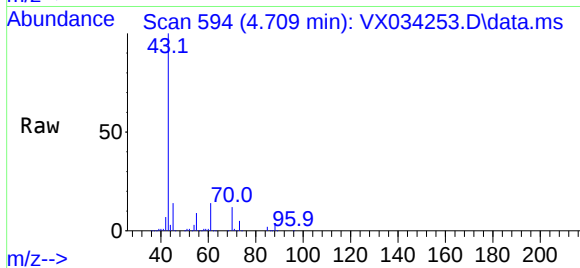
#37
Ethyl Acetate
Concen: 49.928 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



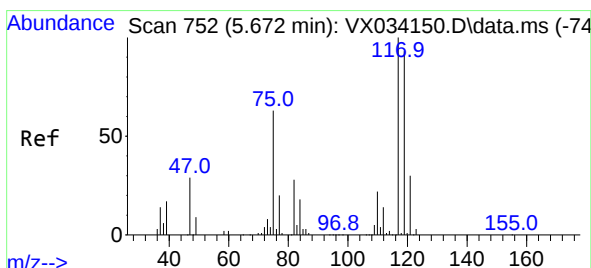
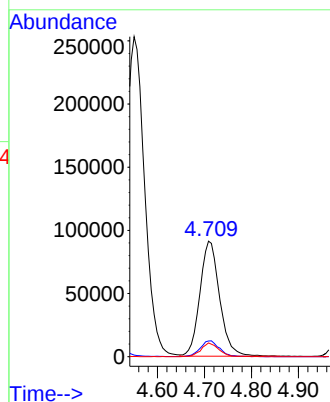
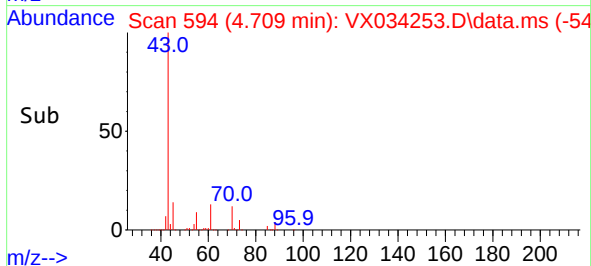
Tgt Ion: 43 Resp: 26535
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.8 8.5 12.7

Manual Integrations

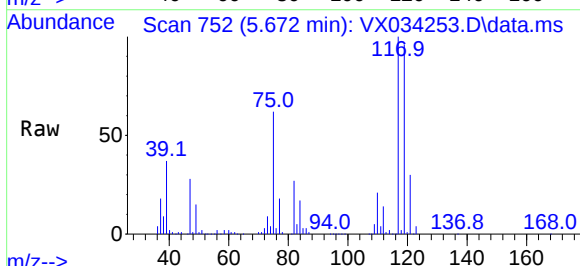
APPROVED

Reviewed By :John Carlone 02/24/2023

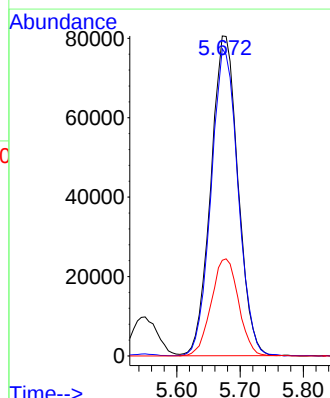
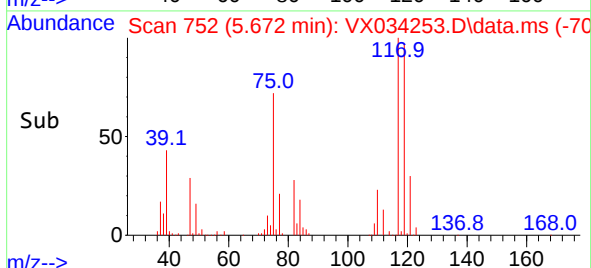
Supervised By :Mahesh Dadoda 02/24/2023

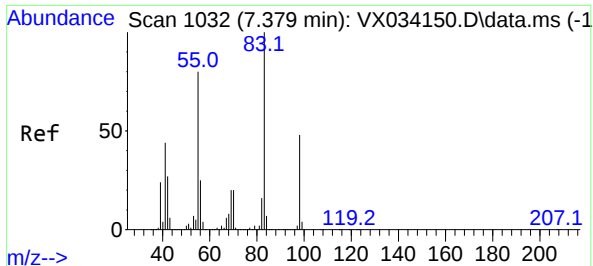


#38
Carbon Tetrachloride
Concen: 49.044 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion:117 Resp: 239995
Ion Ratio Lower Upper
117 100
119 96.0 78.0 117.0
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 49.352 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034253.D

Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 30202

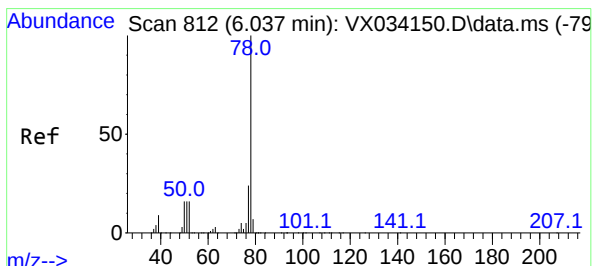
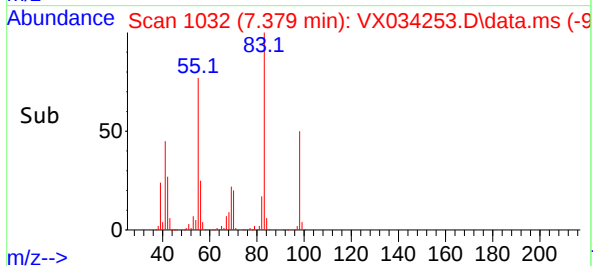
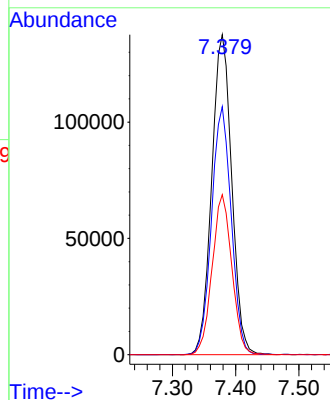
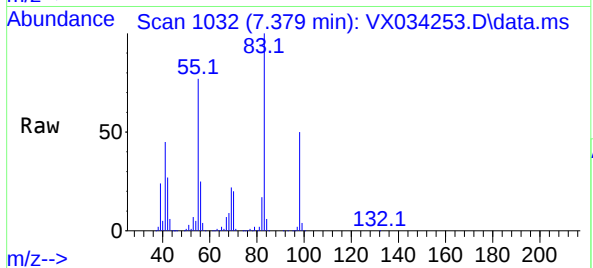
Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.8	92.6
98	50.0	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#40

Benzene

Concen: 50.021 ug/l

RT: 6.038 min Scan# 812

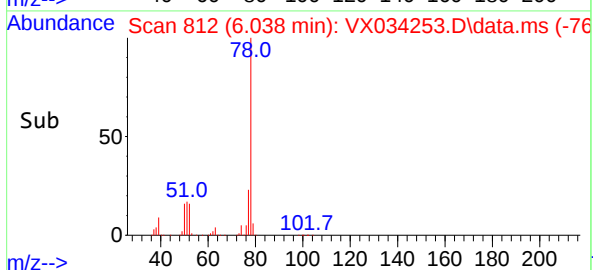
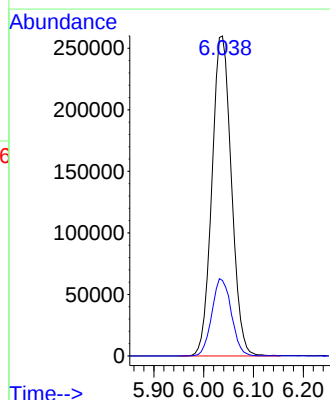
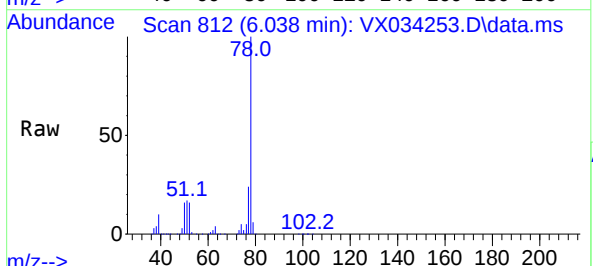
Delta R.T. 0.000 min

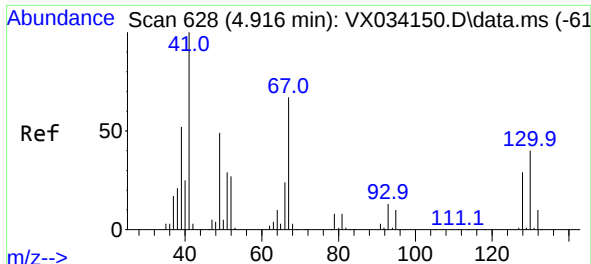
Lab File: VX034253.D

Acq: 23 Feb 2023 17:09

Tgt Ion: 78 Resp: 704923

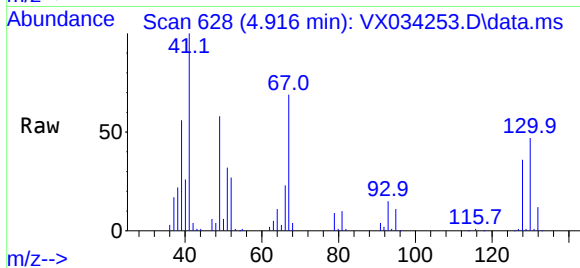
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41
Methacrylonitrile
Concen: 49.055 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

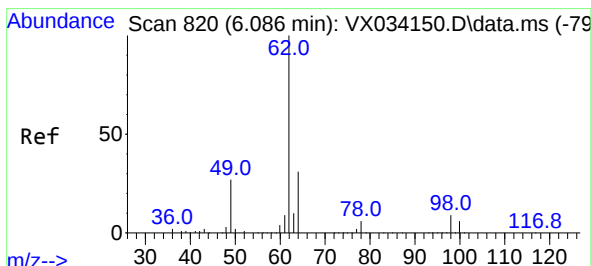
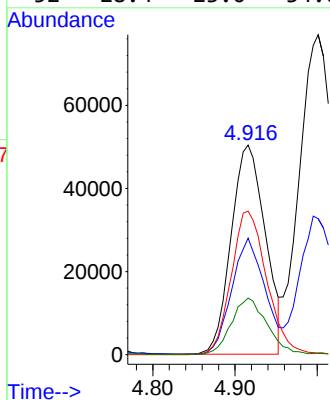
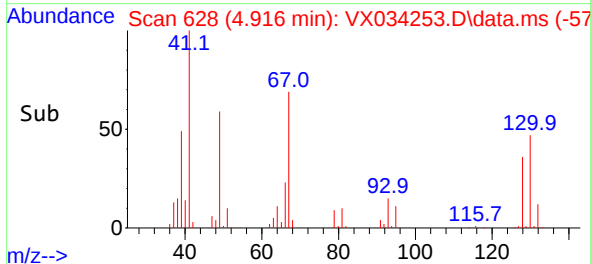
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



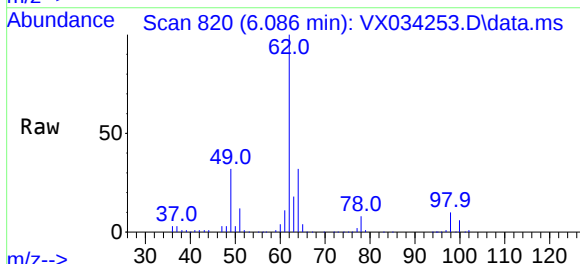
Tgt Ion: 41 Resp: 145258
Ion Ratio Lower Upper
41 100
39 55.0 43.8 65.6
67 71.7 54.8 82.2
52 28.4 23.0 34.6

Manual Integrations
APPROVED

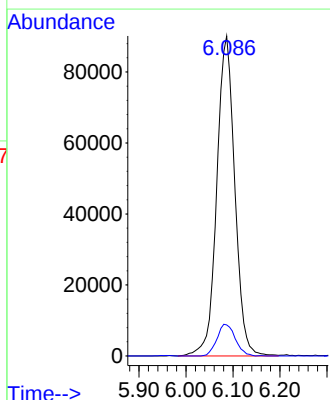
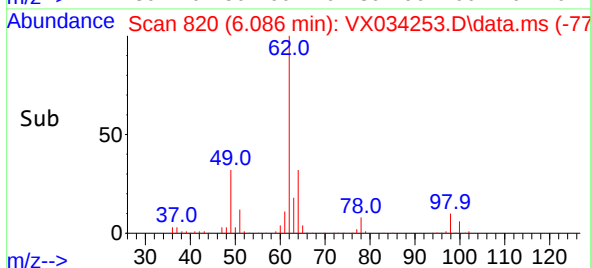
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

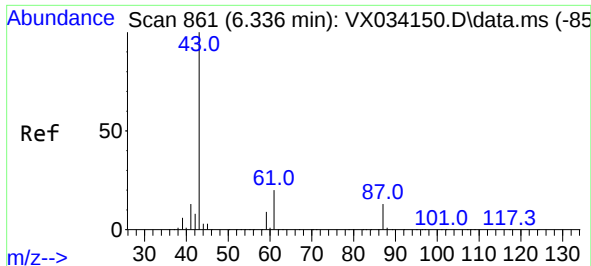


#42
1,2-Dichloroethane
Concen: 48.478 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 62 Resp: 240280
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 48.843 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034253.D

Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

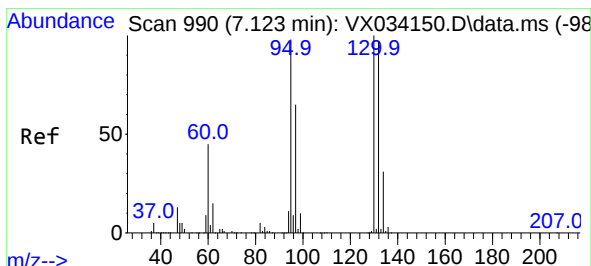
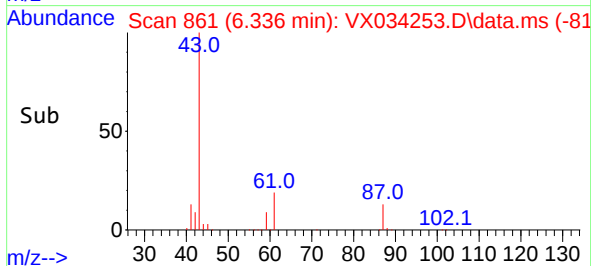
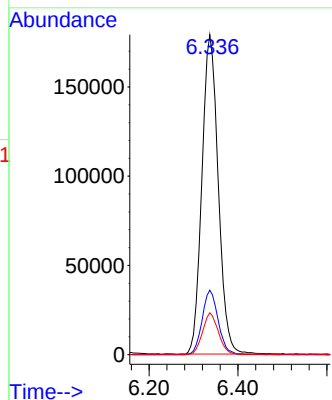
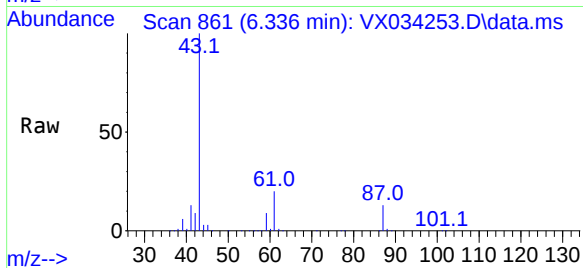
Tgt Ion: 43 Resp: 458079
 Ion Ratio Lower Upper
 43 100
 61 19.9 15.7 23.5
 87 12.7 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#44

Trichloroethene

Concen: 51.595 ug/l

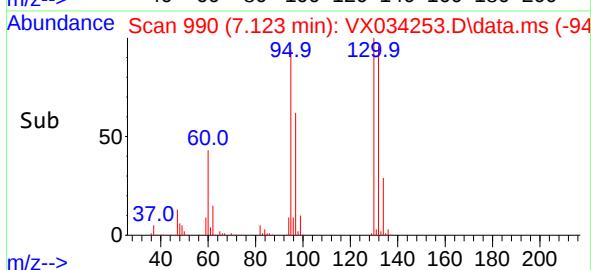
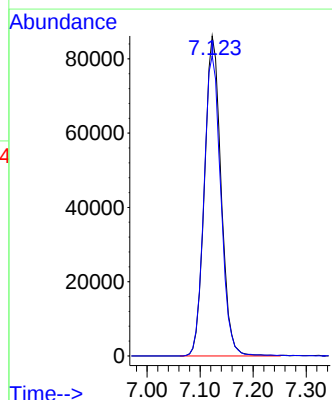
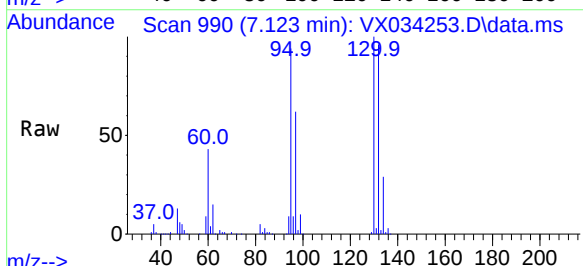
RT: 7.123 min Scan# 990

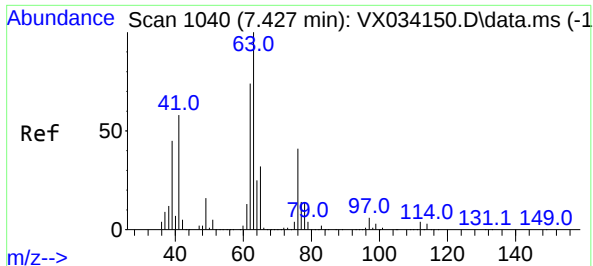
Delta R.T. 0.000 min

Lab File: VX034253.D

Acq: 23 Feb 2023 17:09

Tgt Ion:130 Resp: 186592
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.145 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034253.D

Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18812

Ion Ratio Lower Upper

63 100

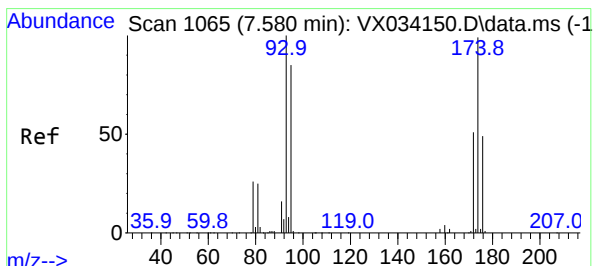
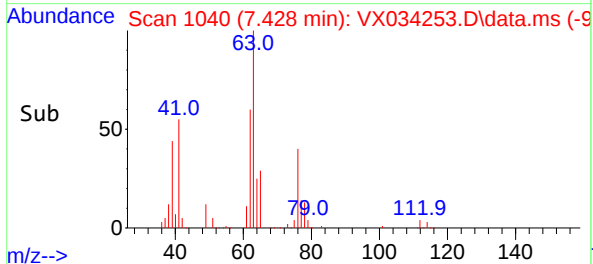
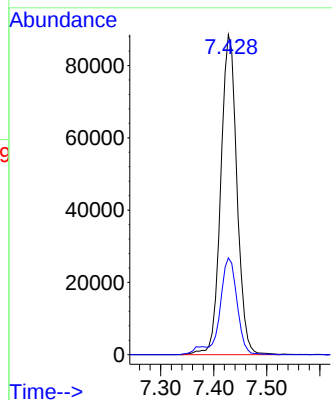
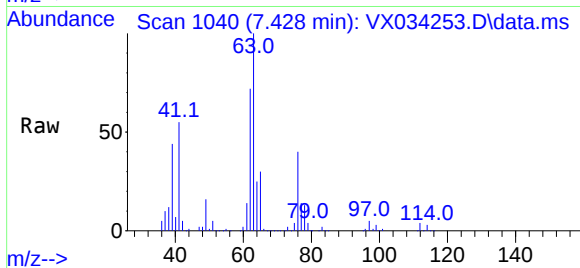
65 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#46

Dibromomethane

Concen: 50.386 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034253.D

Acq: 23 Feb 2023 17:09

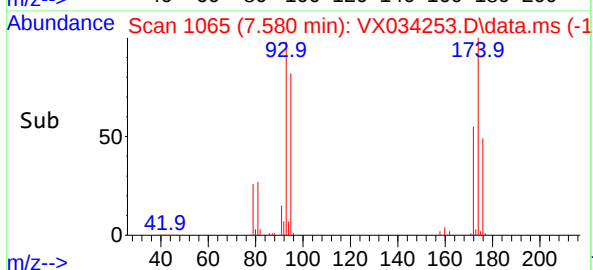
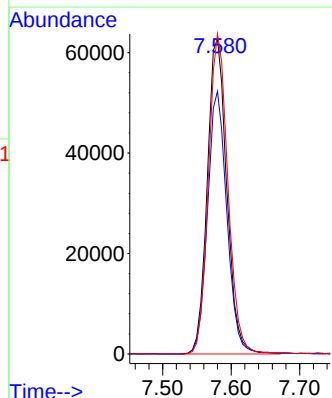
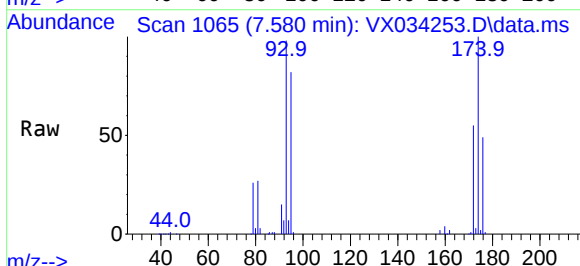
Tgt Ion: 93 Resp: 124403

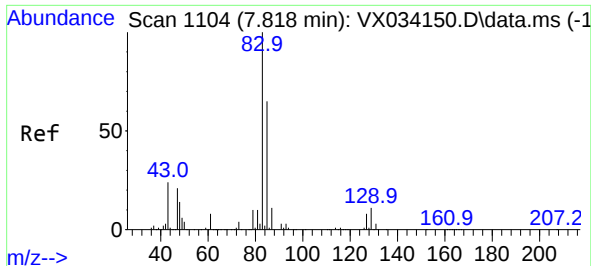
Ion Ratio Lower Upper

93 100

95 83.0 67.6 101.4

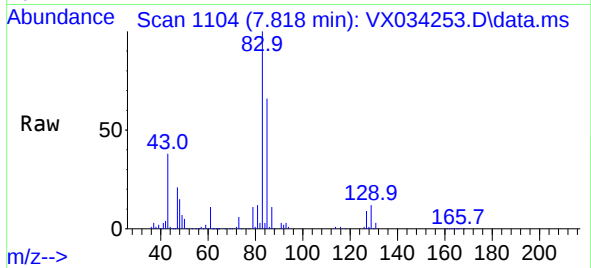
174 101.3 97.4 146.0





#47
Bromodichloromethane
Concen: 48.248 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

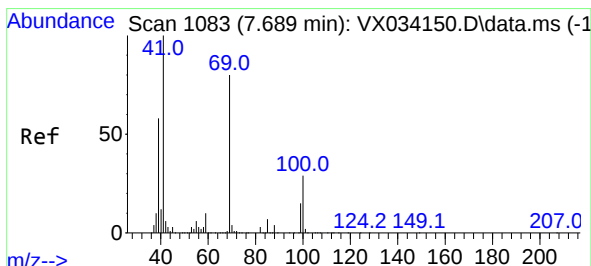
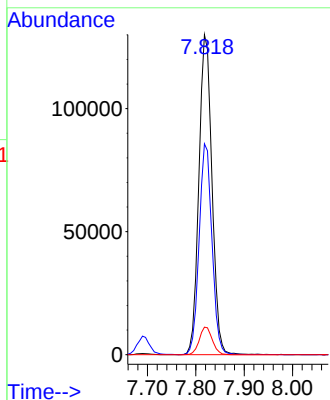
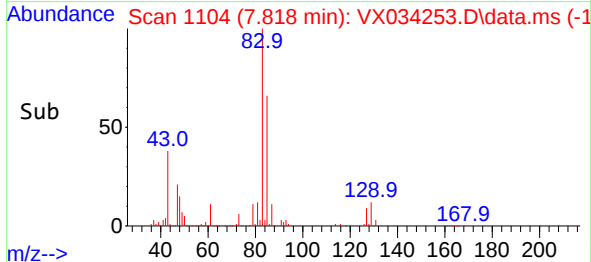
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



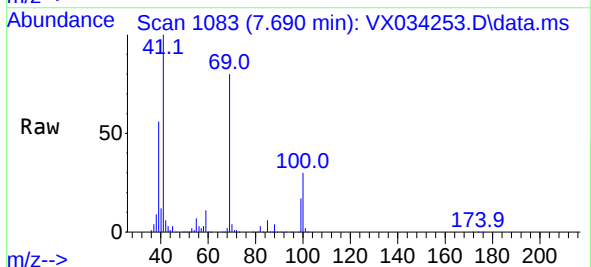
Tgt Ion: 83 Resp: 244469
Ion Ratio Lower Upper
83 100
85 65.9 49.8 74.6
127 8.6 7.0 10.4

Manual Integrations
APPROVED

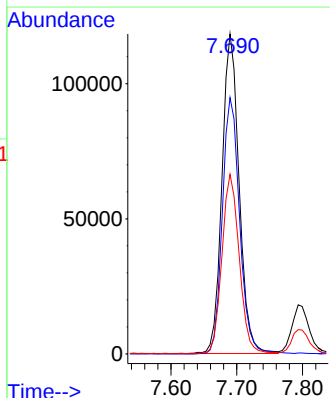
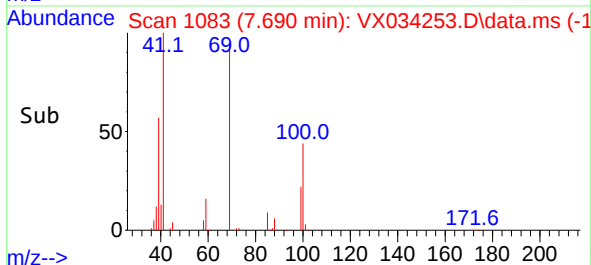
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

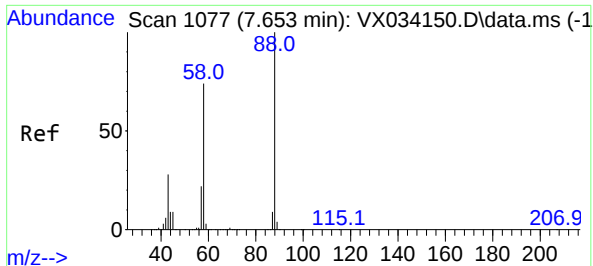


#48
Methyl methacrylate
Concen: 48.215 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



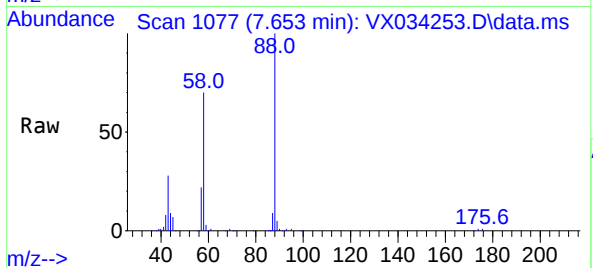
Tgt Ion: 41 Resp: 214628
Ion Ratio Lower Upper
41 100
69 81.1 63.1 94.7
39 56.7 43.2 64.8





#49
1,4-Dioxane
Concen: 996.307 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

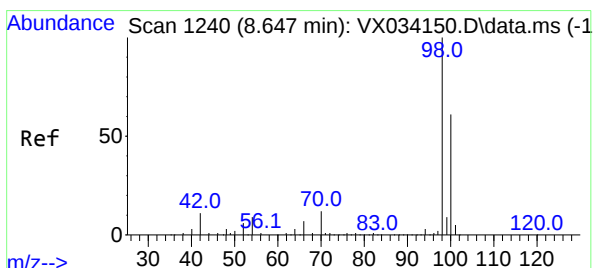
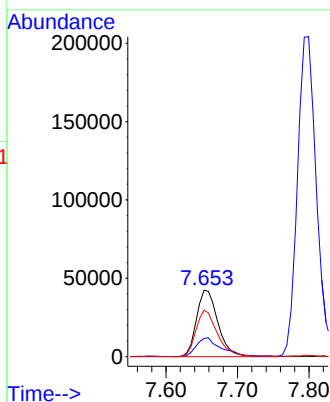
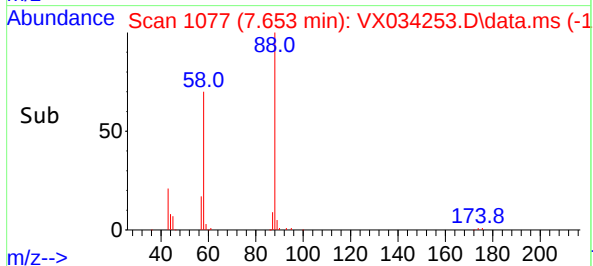
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 88463
Ion Ratio Lower Upper
88 100
43 32.2 0.0 0.0
58 70.0 56.5 84.7

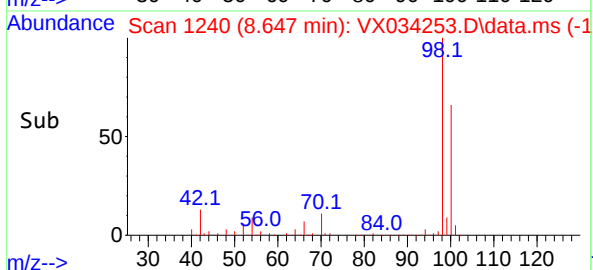
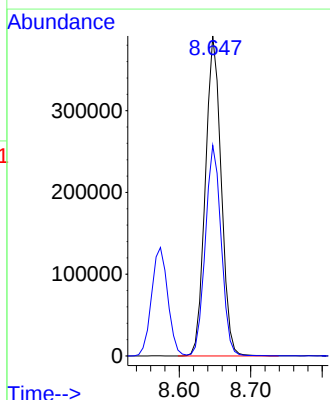
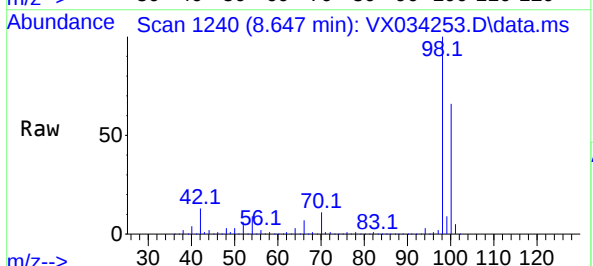
Manual Integrations
APPROVED

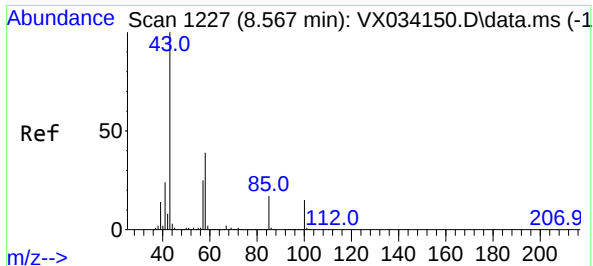
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#50
Toluene-d8
Concen: 52.101 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

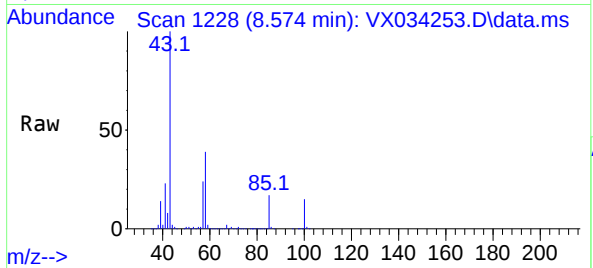
Tgt Ion: 98 Resp: 601499
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 268.819 ug/l
RT: 8.574 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

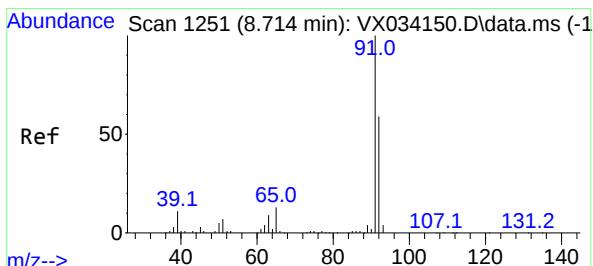
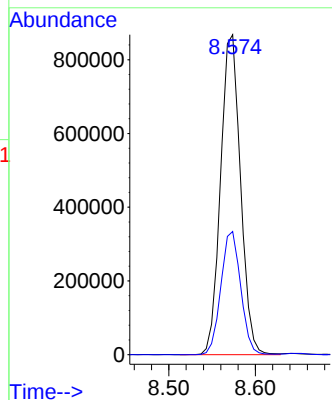
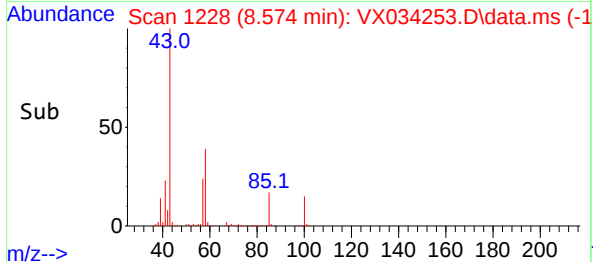
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



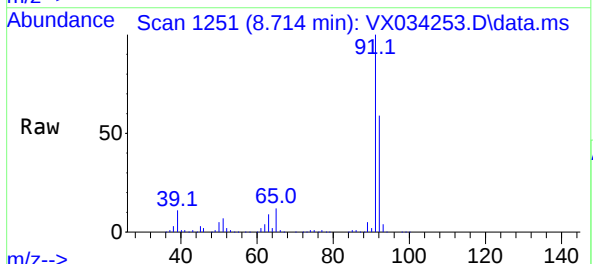
Tgt Ion: 43 Resp: 1387090
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8

Manual Integrations
APPROVED

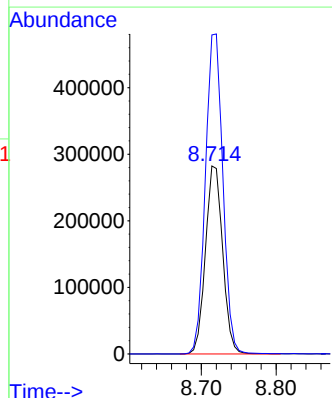
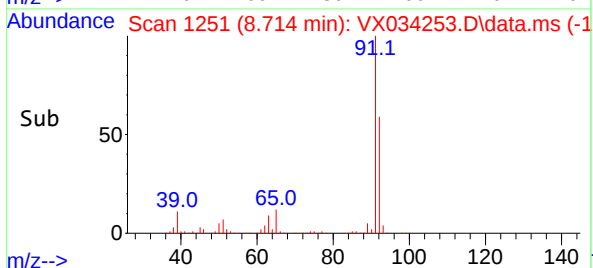
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

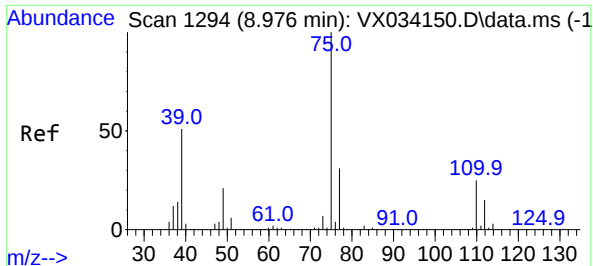


#52
Toluene
Concen: 52.877 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 92 Resp: 451523
Ion Ratio Lower Upper
92 100
91 172.5 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 50.196 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

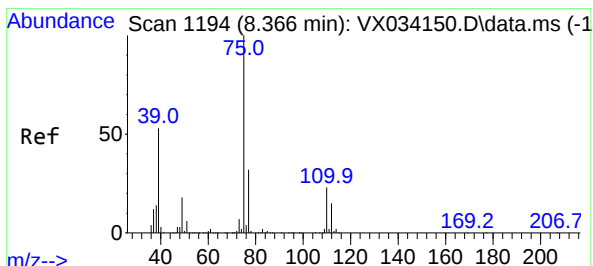
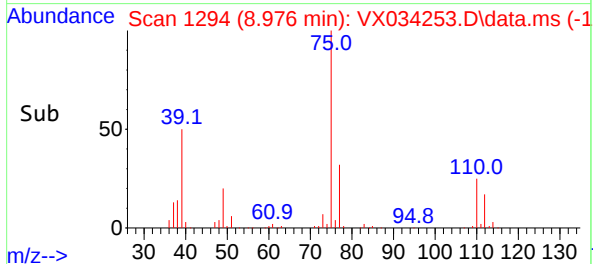
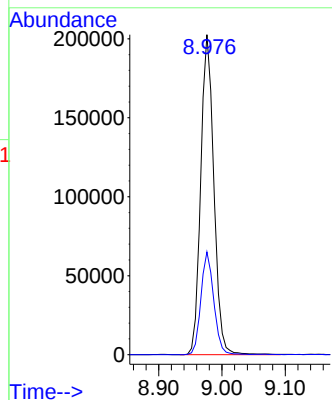
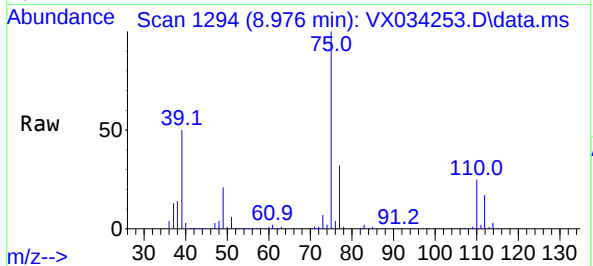
VSTDCCC050EC

Tgt Ion: 75 Resp: 292764
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3

Manual Integrations

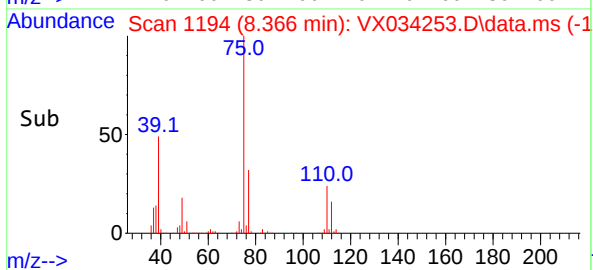
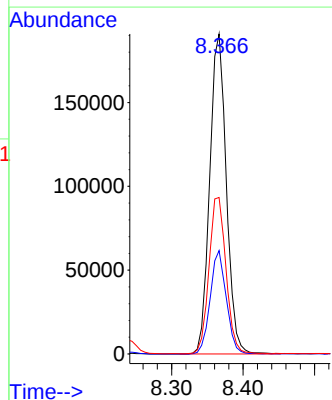
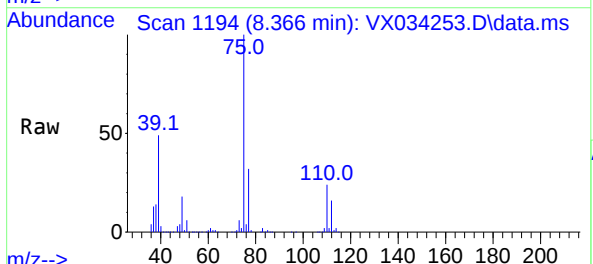
APPROVED

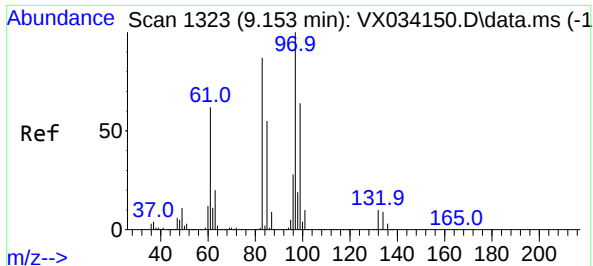
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#54
cis-1,3-Dichloropropene
Concen: 49.356 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

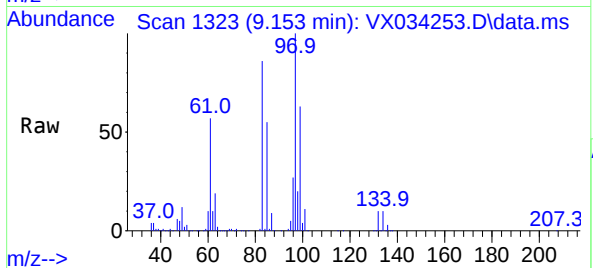
Tgt Ion: 75 Resp: 308170
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6
39 48.9 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 53.609 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

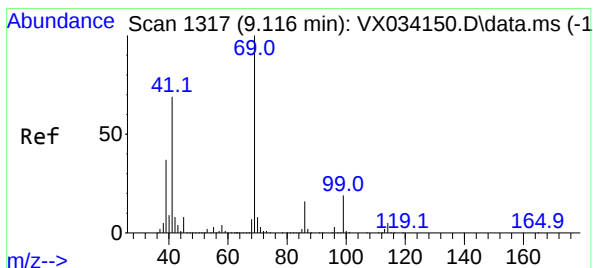
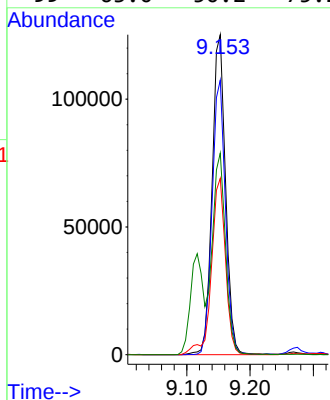
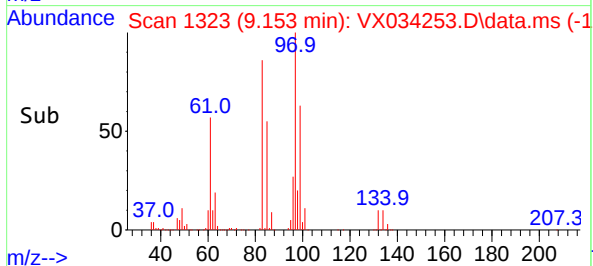


Tgt Ion: 97 Resp: 184776

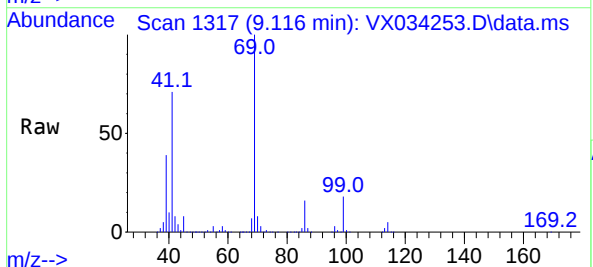
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.4	101.0
85	55.1	43.2	64.8
99	63.0	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

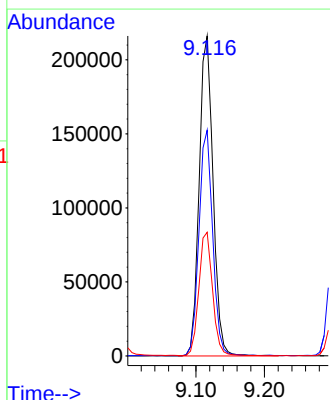
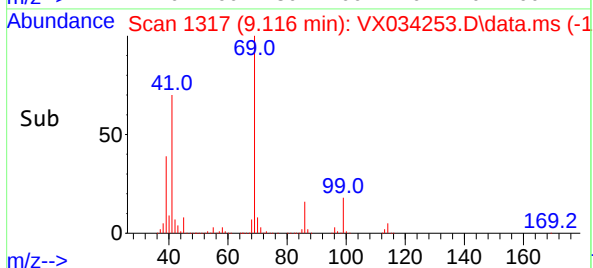


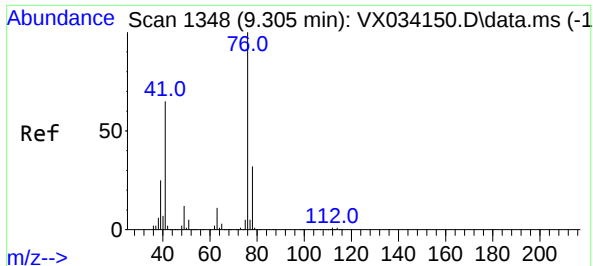
#56
Ethyl methacrylate
Concen: 52.302 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 69 Resp: 304962

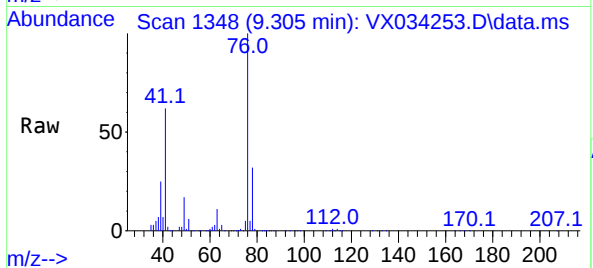
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.1	82.7
39	38.3	28.5	42.7





#57
1,3-Dichloropropane
Concen: 52.239 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

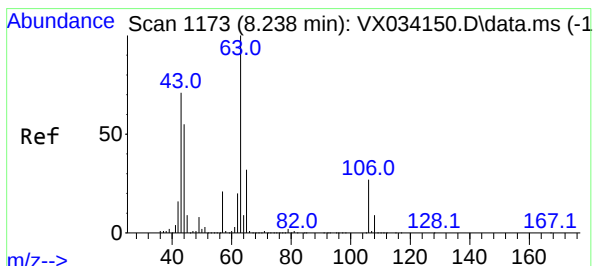
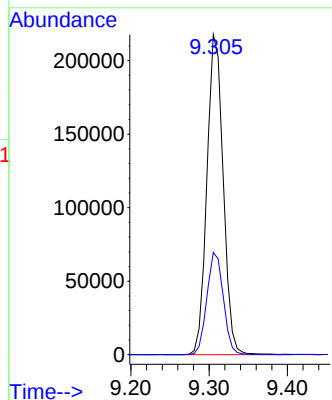
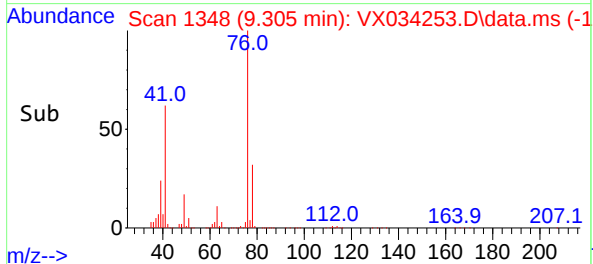
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



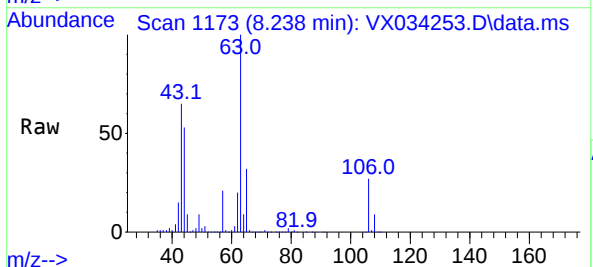
Tgt Ion: 76 Resp: 31327
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

Manual Integrations
APPROVED

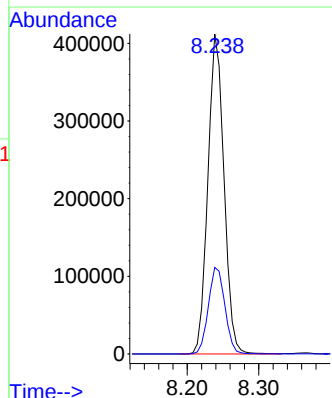
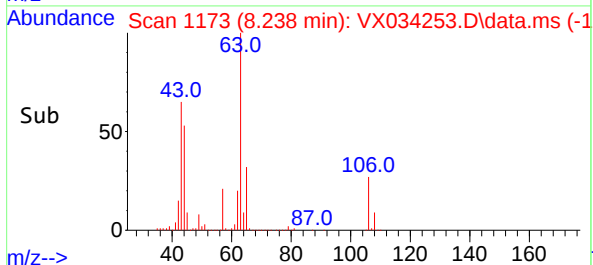
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

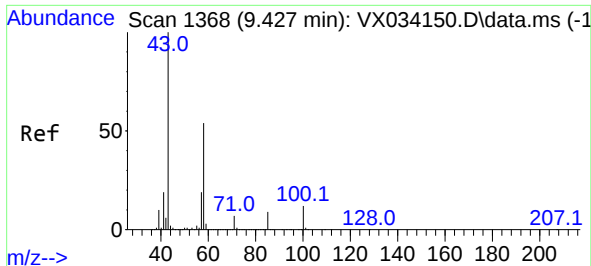


#58
2-Chloroethyl Vinyl ether
Concen: 254.980 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



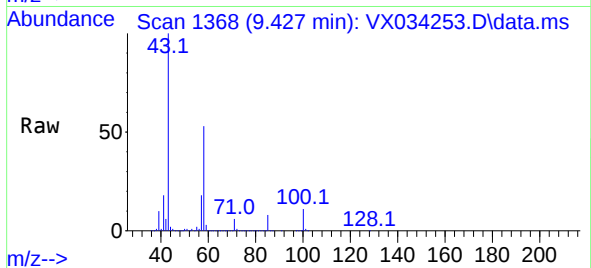
Tgt Ion: 63 Resp: 644039
Ion Ratio Lower Upper
63 100
106 27.7 24.5 36.7





#59
2-Hexanone
Concen: 274.149 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

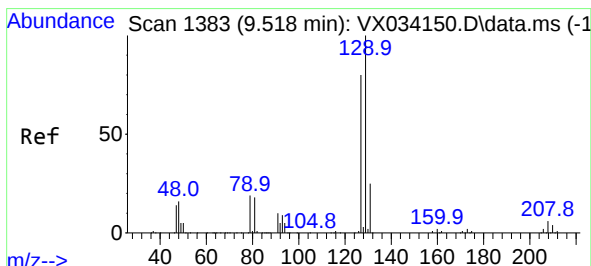
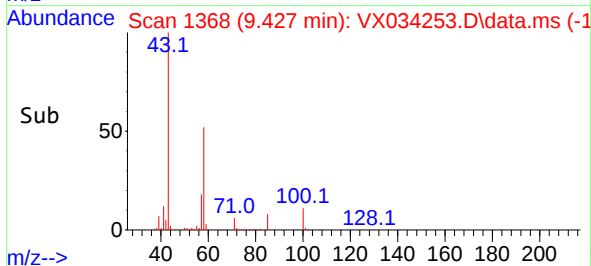
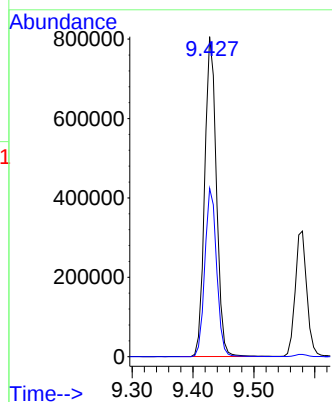
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1078072
Ion Ratio Lower Upper
43 100
58 53.0 27.4 82.0

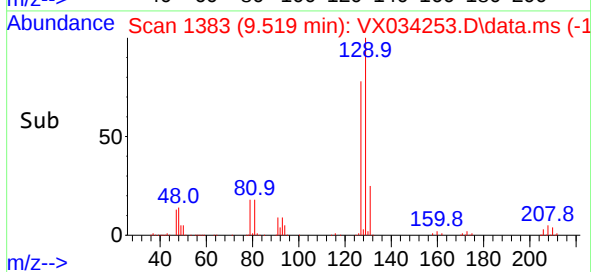
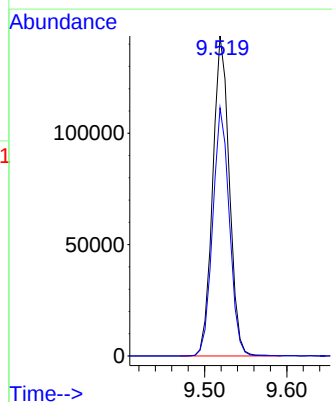
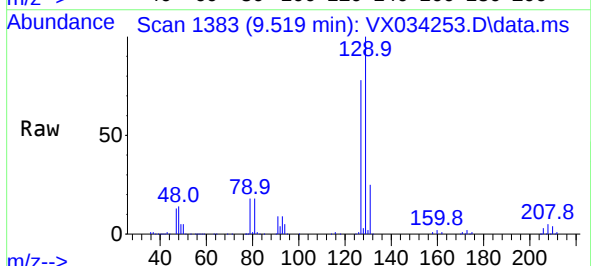
Manual Integrations
APPROVED

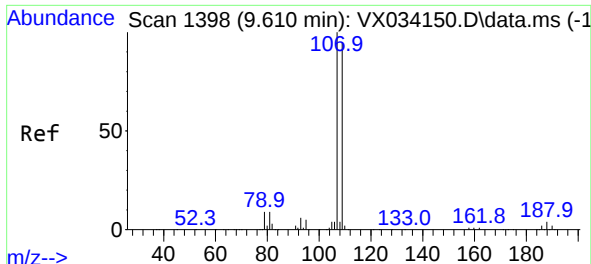
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#60
Dibromochloromethane
Concen: 52.858 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Tgt Ion:129 Resp: 201308
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3





#61
1,2-Dibromoethane
Concen: 53.438 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

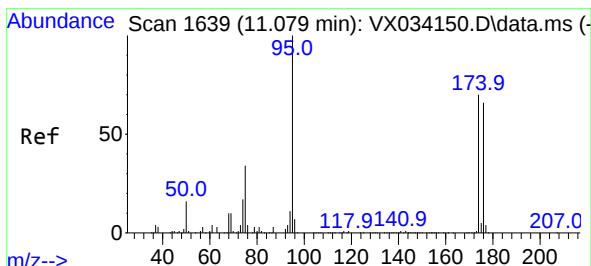
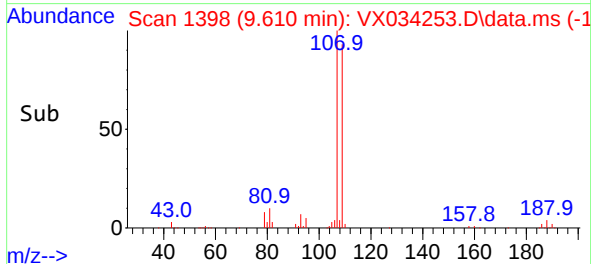
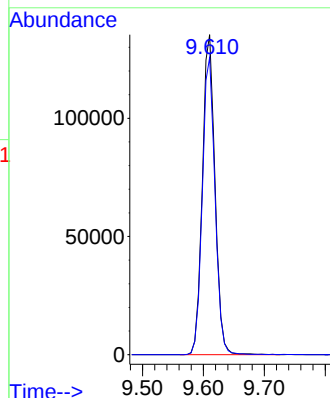
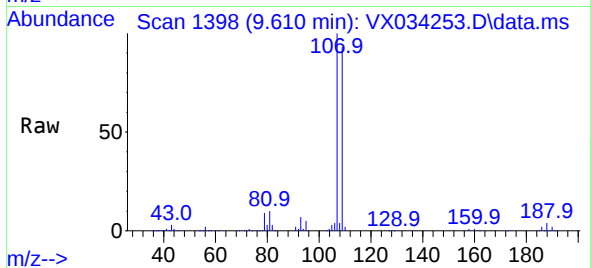
Tgt Ion:107 Resp: 19479
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.2

Manual Integrations

APPROVED

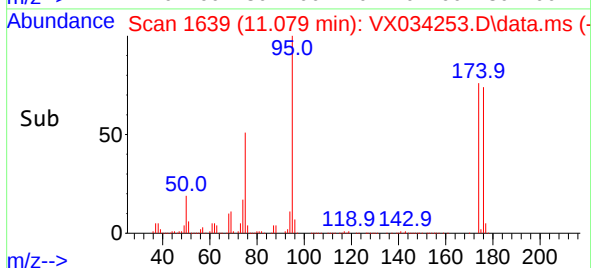
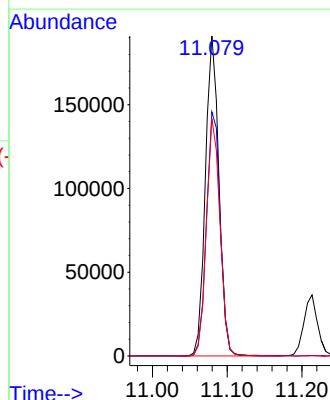
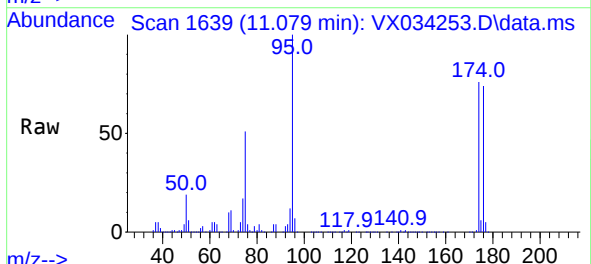
Reviewed By :John Carlone 02/24/2023

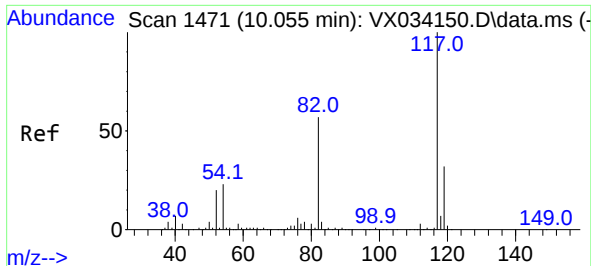
Supervised By :Mahesh Dadoda 02/24/2023



#62
4-Bromofluorobenzene
Concen: 54.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

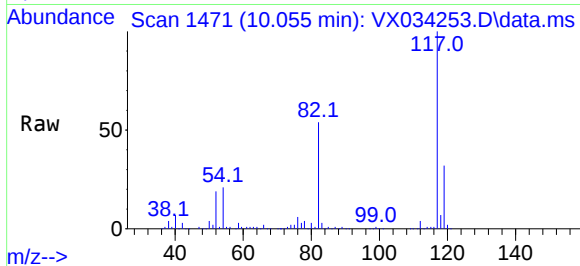
Tgt Ion: 95 Resp: 240280
Ion Ratio Lower Upper
95 100
174 78.1 0.0 184.4
176 74.1 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

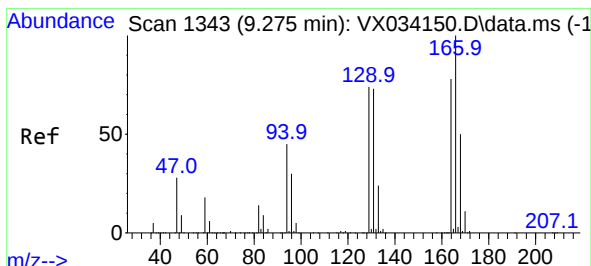
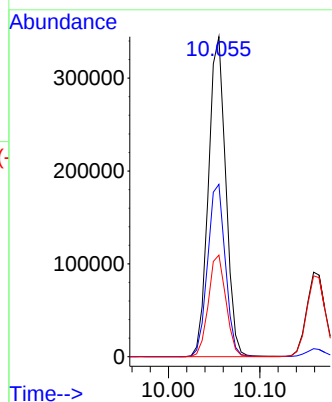
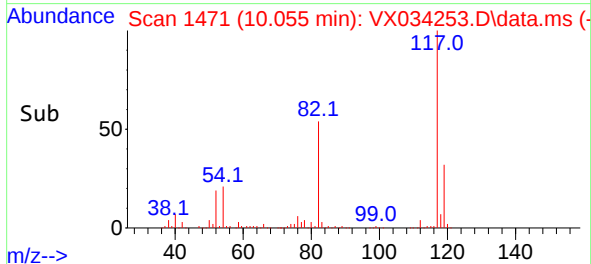
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



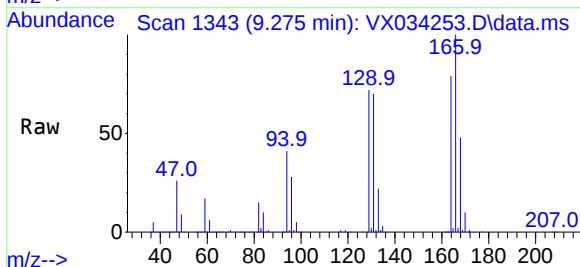
Tgt Ion:117 Resp: 45355
Ion Ratio Lower Upper
117 100
82 53.8 40.6 60.8
119 31.8 25.6 38.4

Manual Integrations
APPROVED

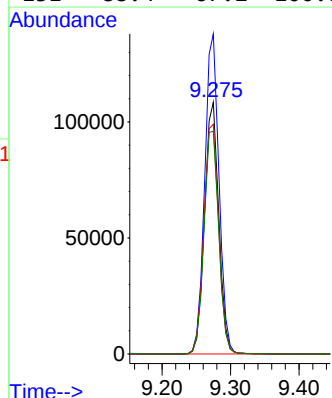
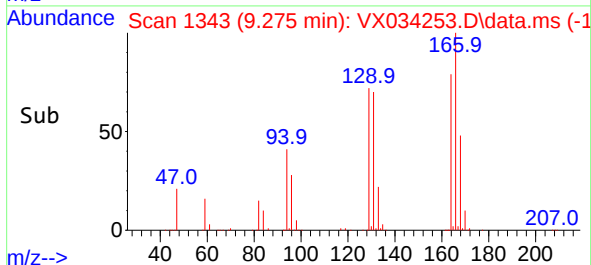
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

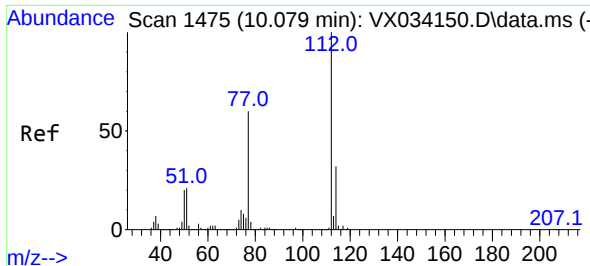


#64
Tetrachloroethene
Concen: 49.166 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



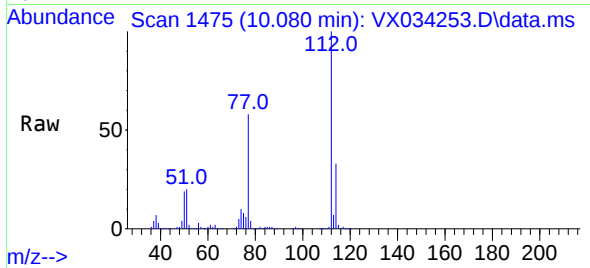
Tgt Ion:164 Resp: 157385
Ion Ratio Lower Upper
164 100
166 127.1 100.2 150.2
129 91.3 69.2 103.8
131 88.4 67.2 100.8





#65
Chlorobenzene
Concen: 51.690 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

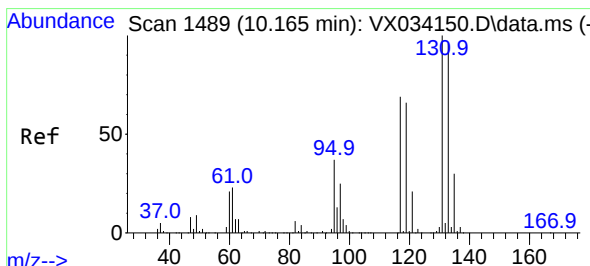
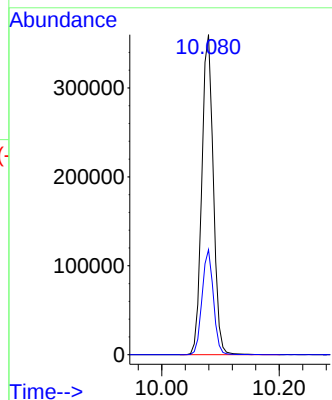
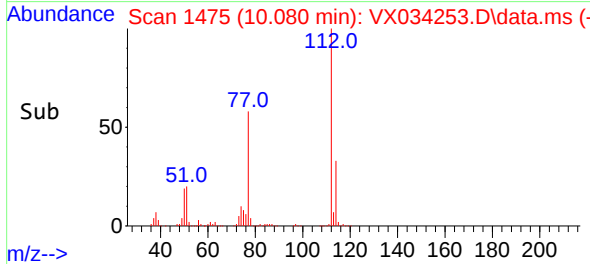
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



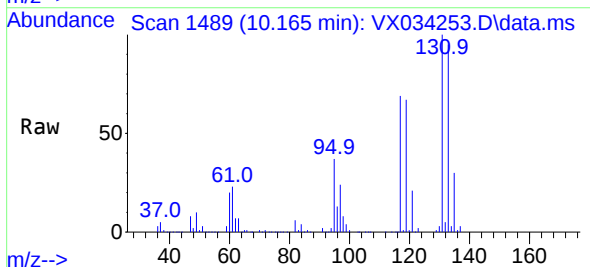
Tgt Ion:112 Resp: 488690
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

Manual Integrations
APPROVED

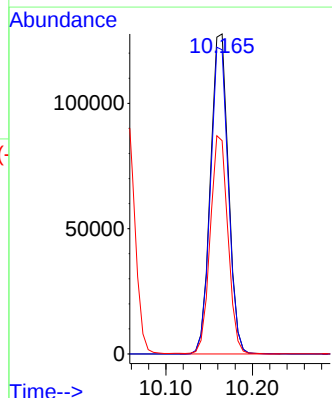
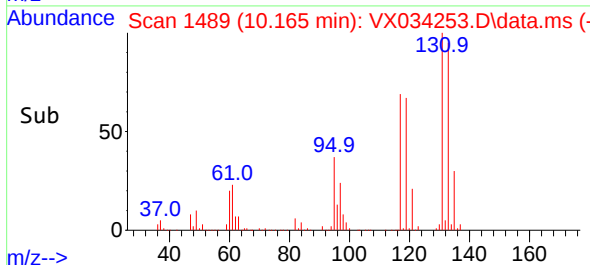
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

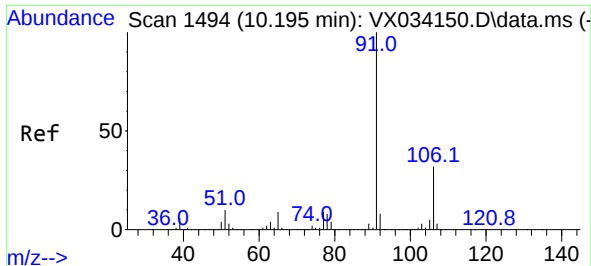


#66
1,1,1,2-Tetrachloroethane
Concen: 50.216 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



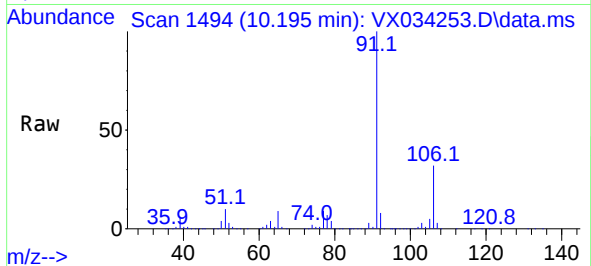
Tgt Ion:131 Resp: 183792
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 67.1 31.9 95.7





#67
Ethyl Benzene
Concen: 52.102 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

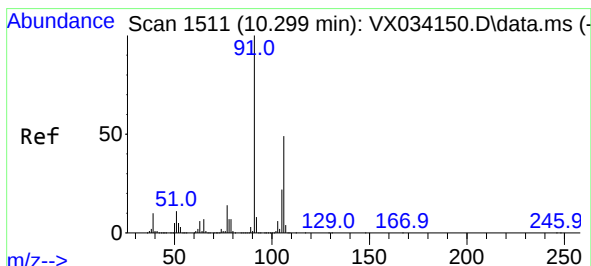
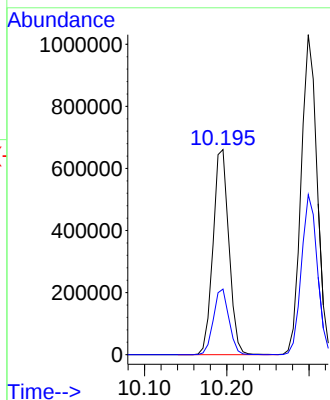
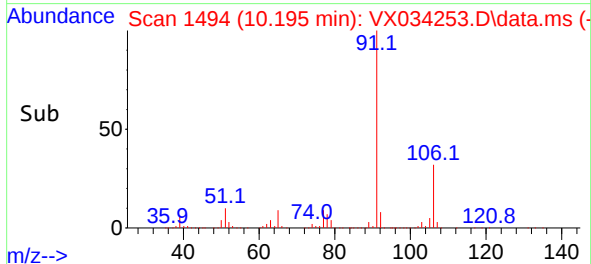
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



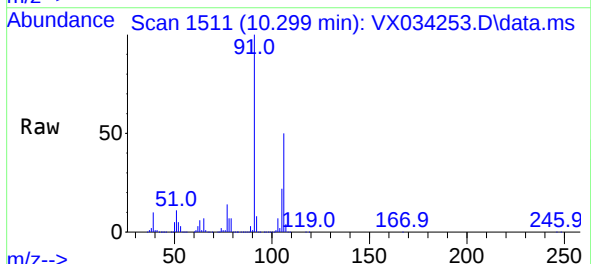
Tgt Ion: 91 Resp: 884972
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8

Manual Integrations
APPROVED

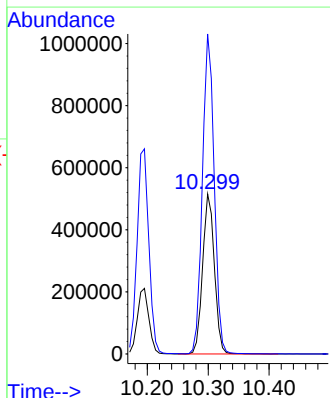
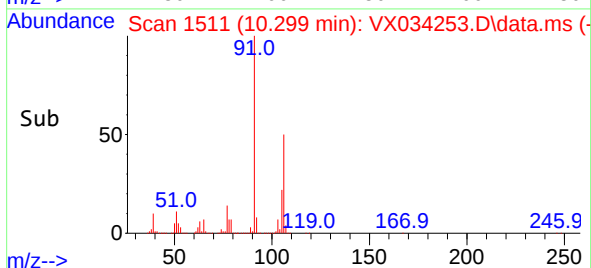
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

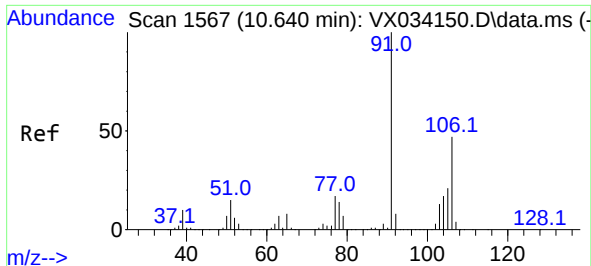


#68
m/p-Xylenes
Concen: 106.578 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



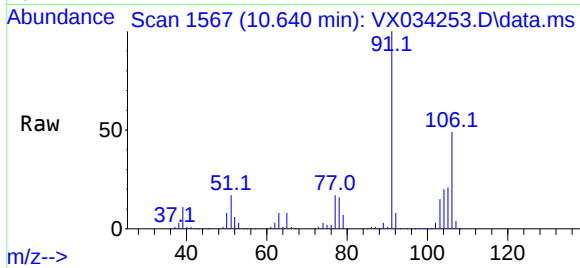
Tgt Ion:106 Resp: 692767
Ion Ratio Lower Upper
106 100
91 200.4 156.4 234.6





#69
o-Xylene
Concen: 53.379 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

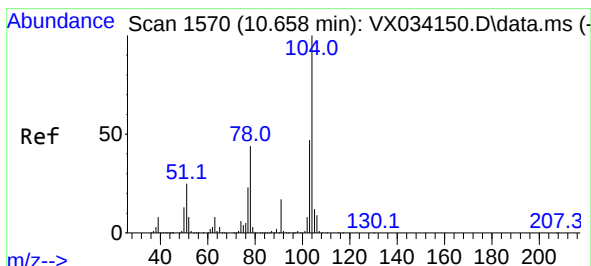
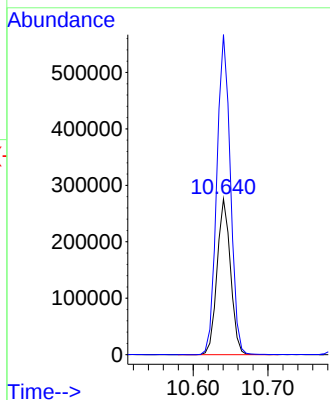
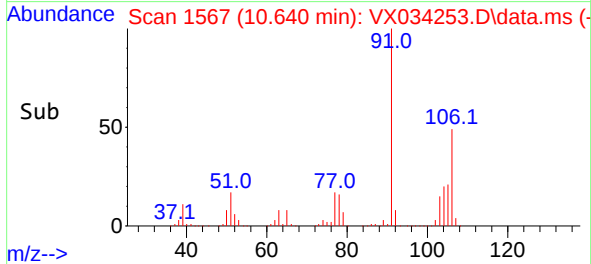
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



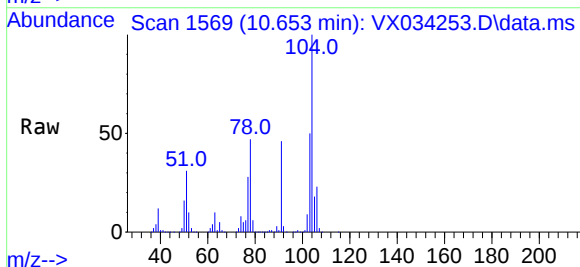
Tgt Ion:106 Resp: 345424
Ion Ratio Lower Upper
106 100
91 207.8 103.1 309.3

Manual Integrations
APPROVED

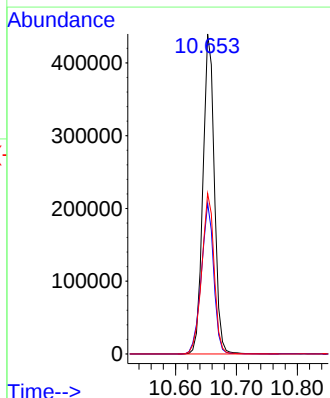
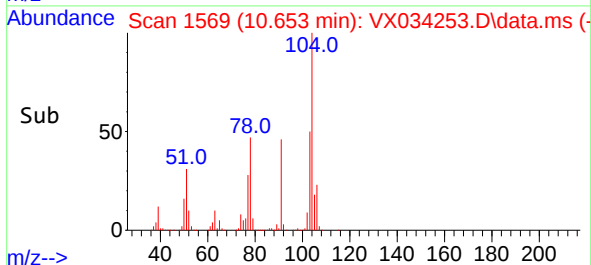
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

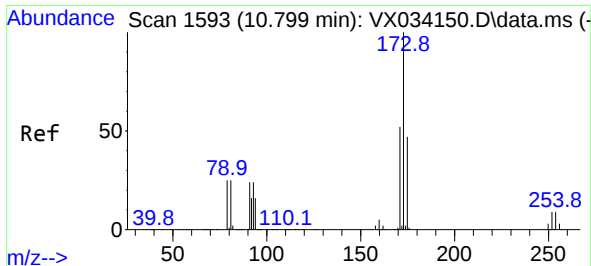


#70
Styrene
Concen: 54.639 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



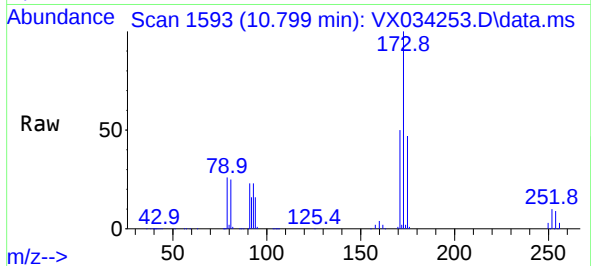
Tgt Ion:104 Resp: 575047
Ion Ratio Lower Upper
104 100
78 51.0 37.5 56.3
103 54.2 43.3 64.9





#71
Bromoform
Concen: 51.241 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

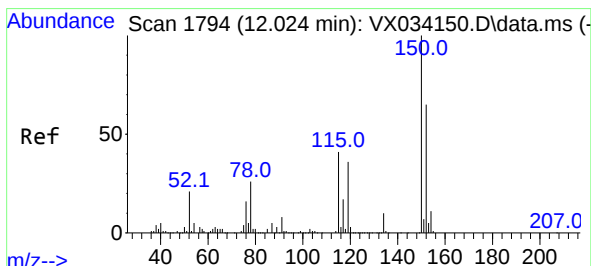
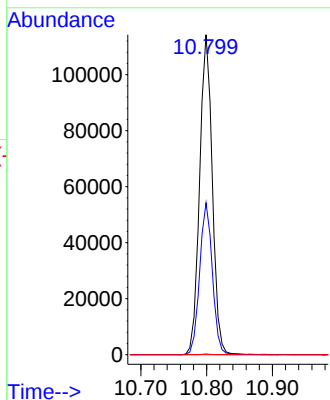
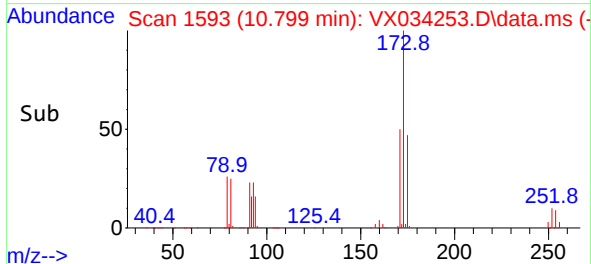
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



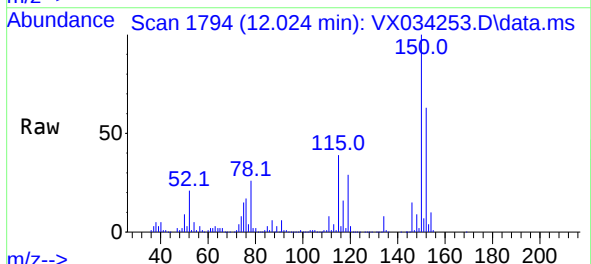
Tgt Ion:173 Resp: 153085
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

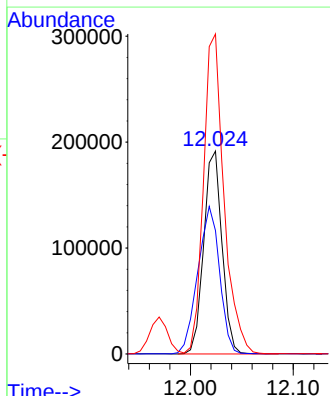
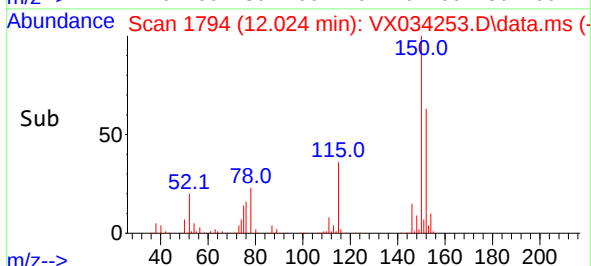
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

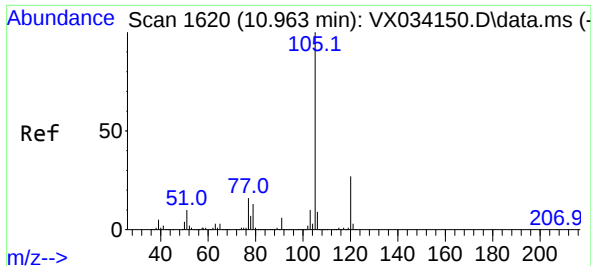


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



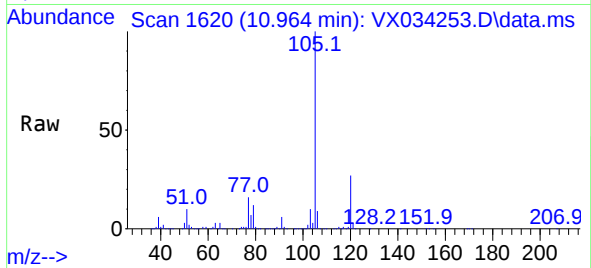
Tgt Ion:152 Resp: 237339
Ion Ratio Lower Upper
152 100
115 86.8 38.7 116.1
150 176.0 0.0 348.2





#73
Isopropylbenzene
Concen: 49.380 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

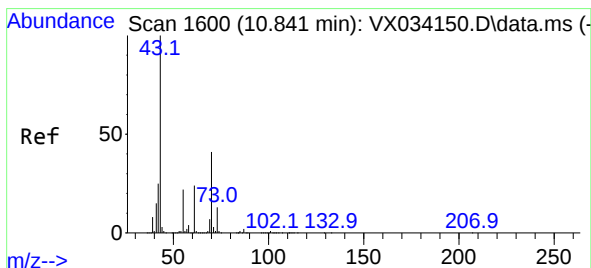
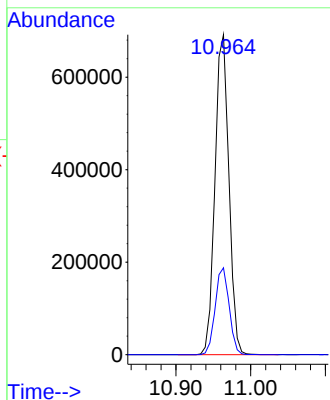
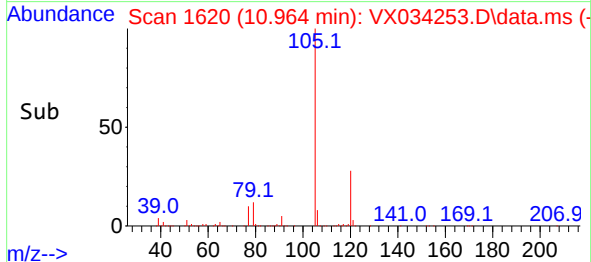
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



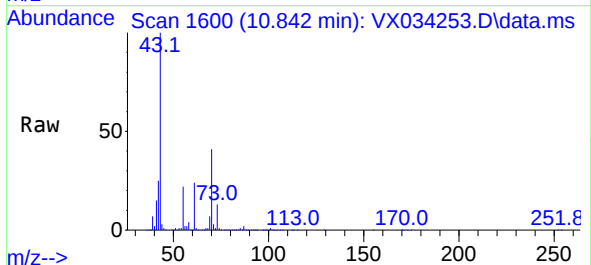
Tgt Ion:105 Resp: 893204
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8

Manual Integrations
APPROVED

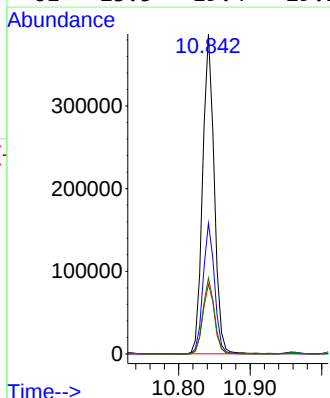
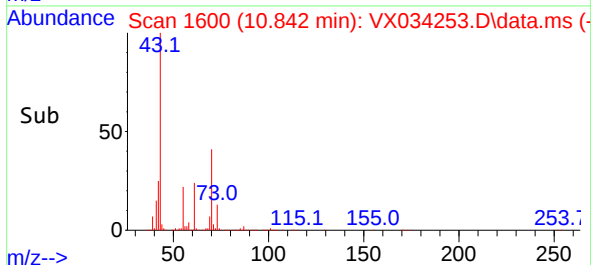
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

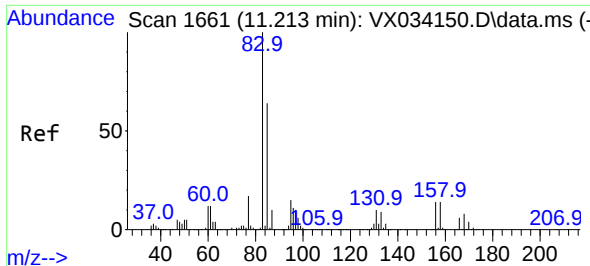


#74
N-ethyl acetate
Concen: 48.063 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 43 Resp: 436762
Ion Ratio Lower Upper
43 100
70 40.6 34.8 52.2
55 22.1 19.4 29.0
61 23.5 19.4 29.2





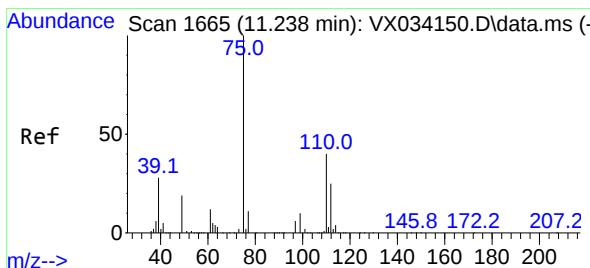
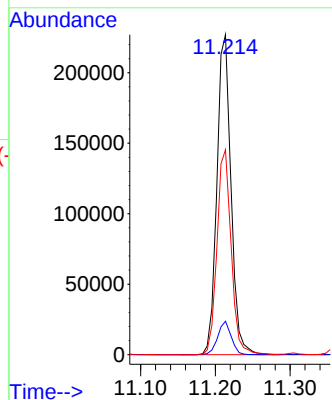
#75
1,1,2,2-Tetrachloroethane
Concen: 48.301 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 29882
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.7
85 64.3 32.3 96.9

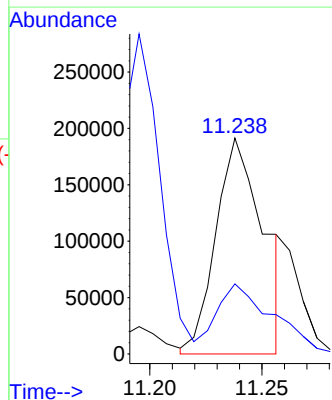
Manual Integrations
APPROVED

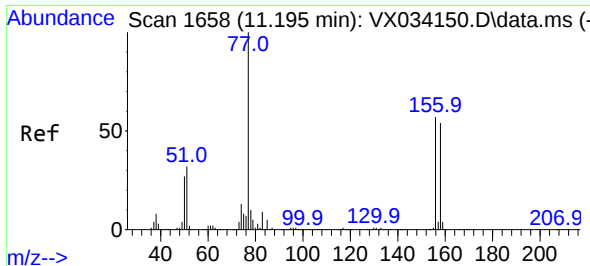
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#76
1,2,3-Trichloropropane
Concen: 47.307 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

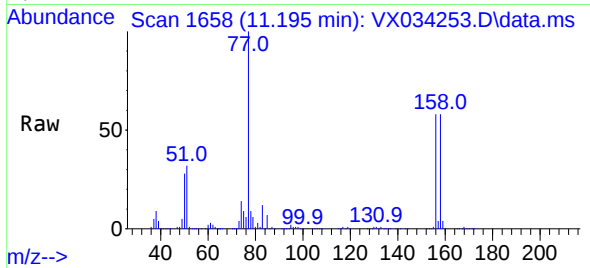
Tgt Ion: 75 Resp: 282524
Ion Ratio Lower Upper
75 100
77 38.6 21.8 65.4





#77
Bromobenzene
Concen: 49.362 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

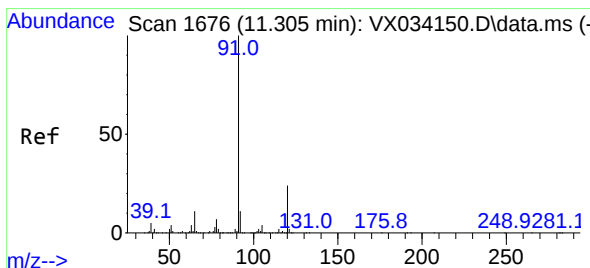
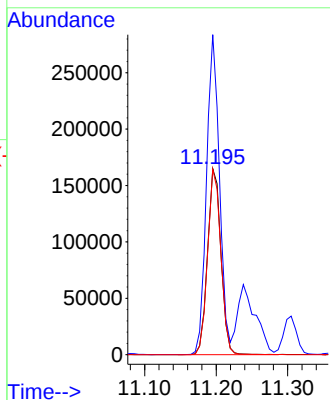
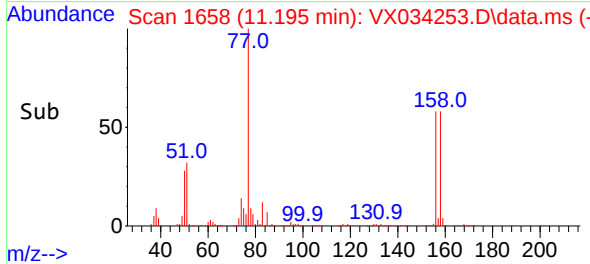
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



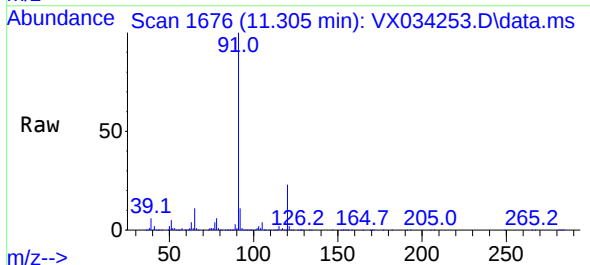
Tgt Ion:156 Resp: 214869
Ion Ratio Lower Upper
156 100
77 166.0 68.1 204.3
158 98.2 48.0 144.2

Manual Integrations
APPROVED

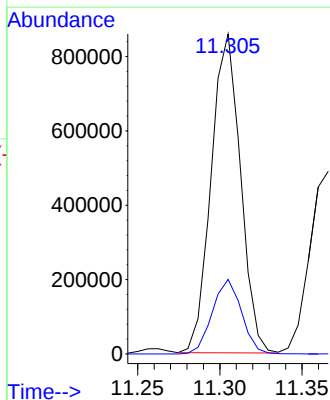
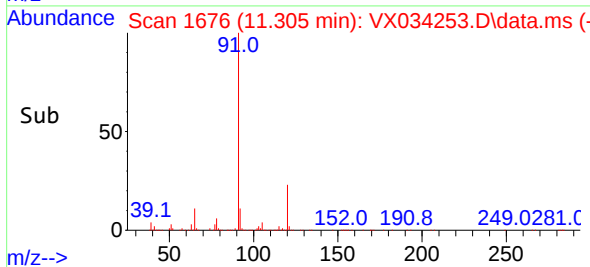
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

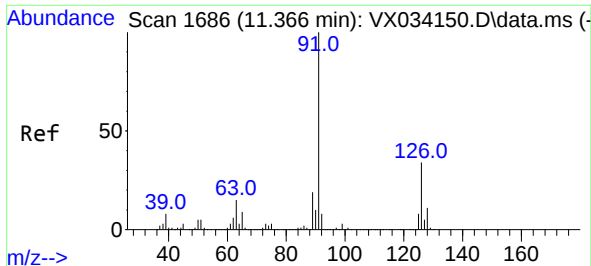


#78
n-propylbenzene
Concen: 50.621 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 91 Resp: 1064903
Ion Ratio Lower Upper
91 100
120 23.3 12.3 36.8





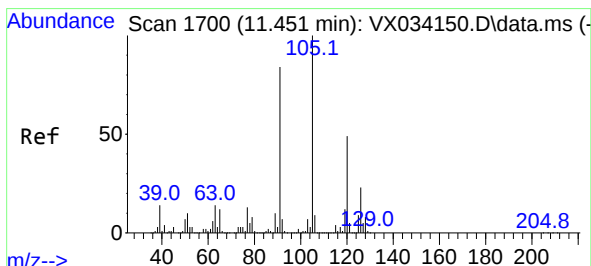
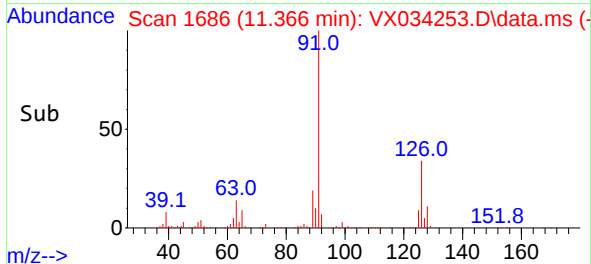
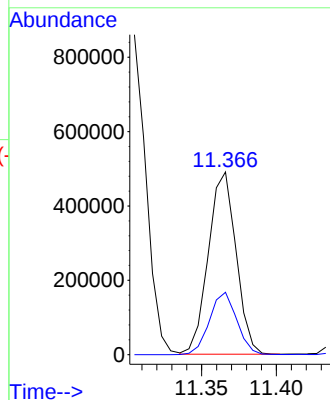
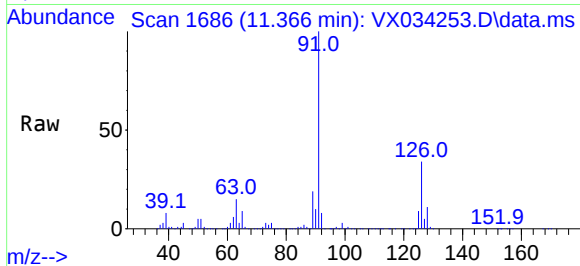
#79
2-Chlorotoluene
Concen: 48.992 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 631960
Ion Ratio Lower Upper
91 100
126 33.8 18.1 54.1

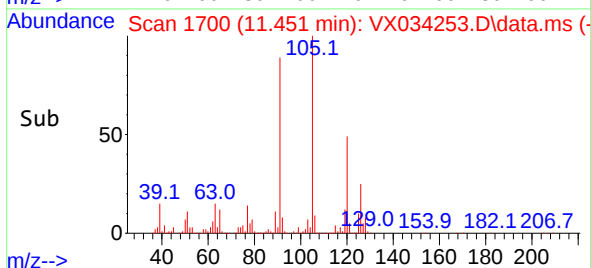
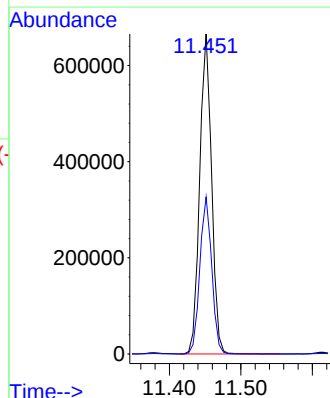
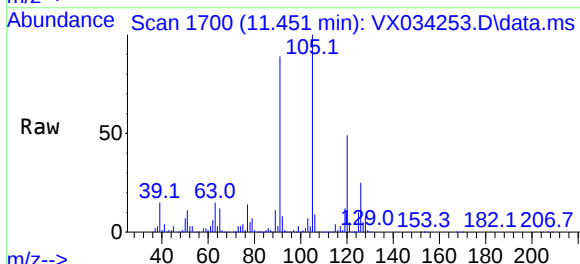
Manual Integrations
APPROVED

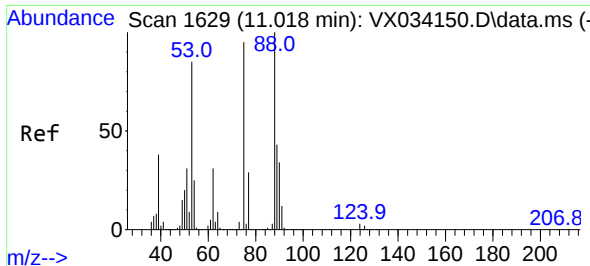
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.282 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

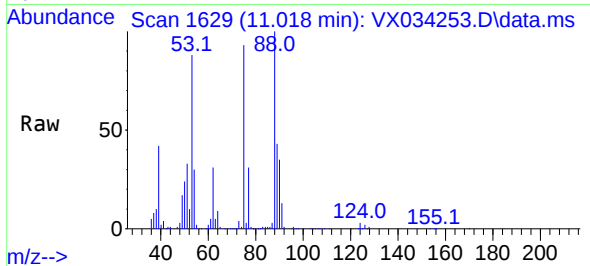
Tgt Ion:105 Resp: 764674
Ion Ratio Lower Upper
105 100
120 49.1 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.168 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

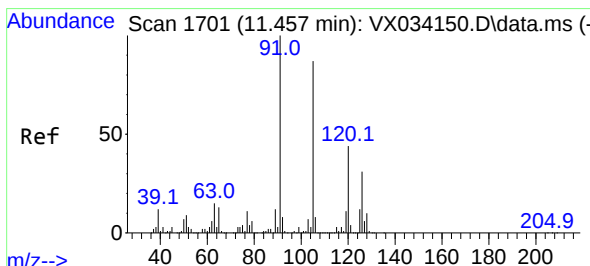
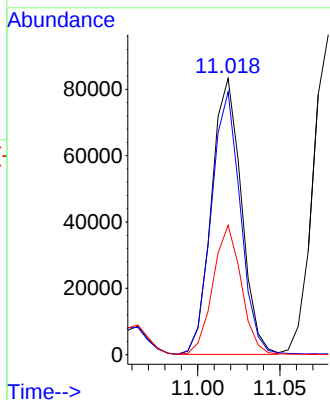
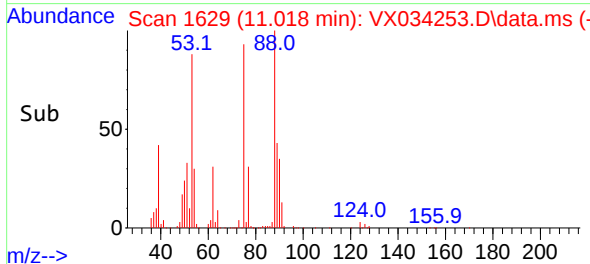
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 105004
Ion Ratio Lower Upper
75 100
53 92.5 83.0 124.6
89 44.8 37.7 56.5

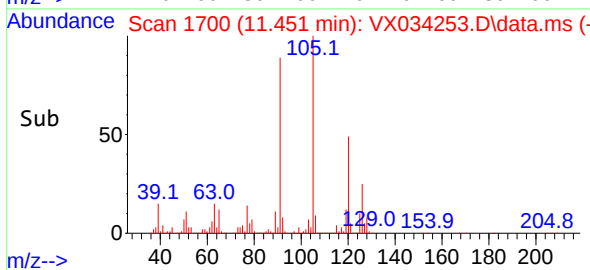
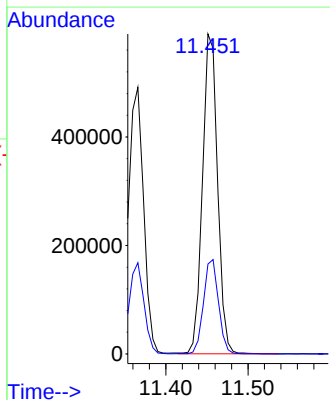
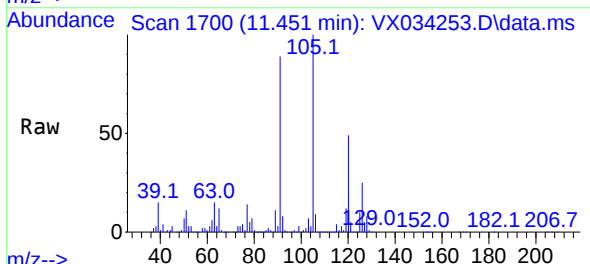
Manual Integrations
APPROVED

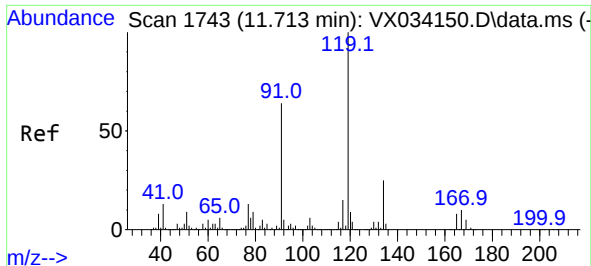
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#82
4-Chlorotoluene
Concen: 51.015 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

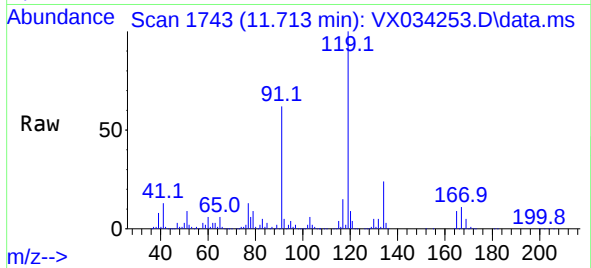
Tgt Ion: 91 Resp: 749523
Ion Ratio Lower Upper
91 100
126 29.5 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.108 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

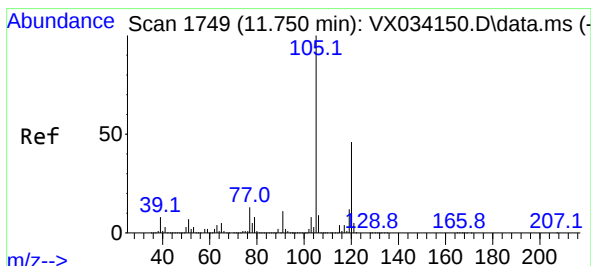
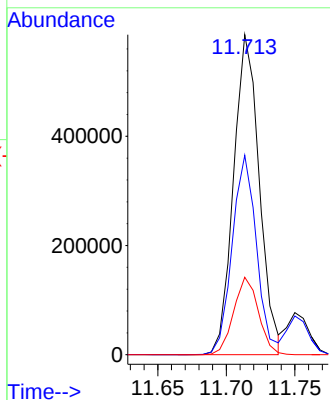
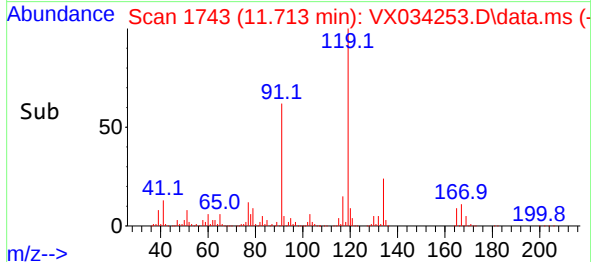
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



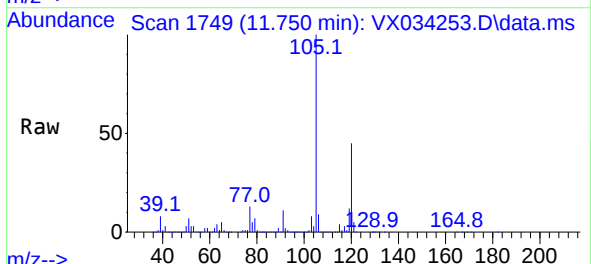
Tgt Ion:119 Resp: 764874
Ion Ratio Lower Upper
119 100
91 59.1 26.9 80.7
134 23.4 12.3 36.8

Manual Integrations
APPROVED

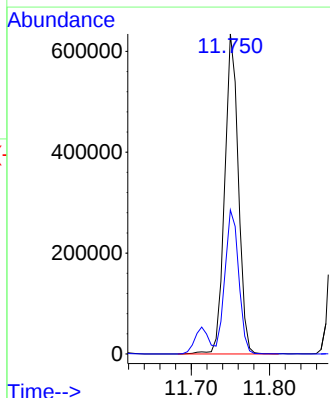
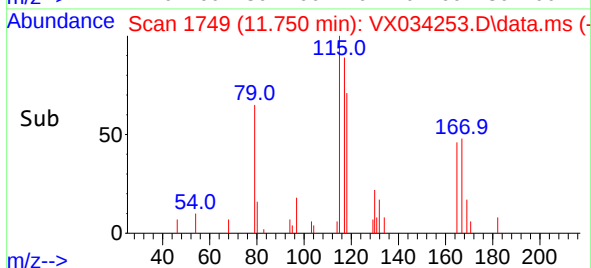
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

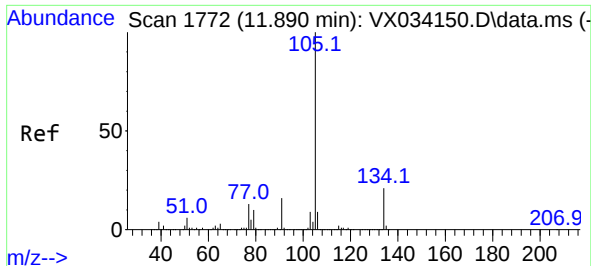


#84
1,2,4-Trimethylbenzene
Concen: 50.122 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



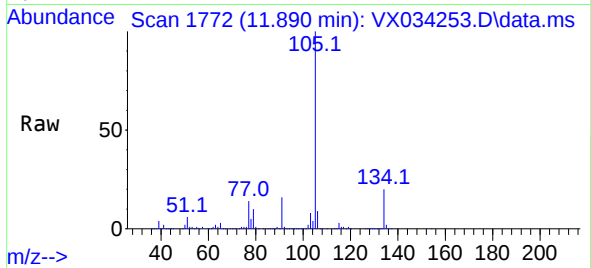
Tgt Ion:105 Resp: 770703
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 50.916 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034253.D
 Acq: 23 Feb 2023 17:09

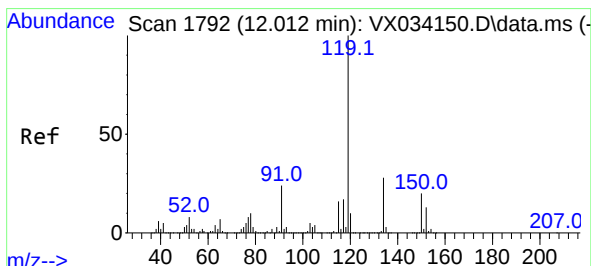
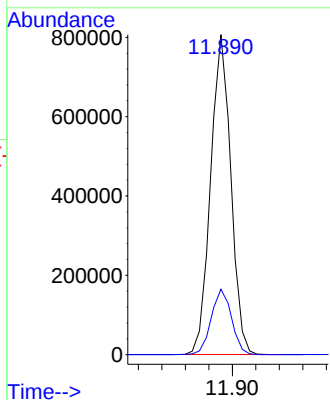
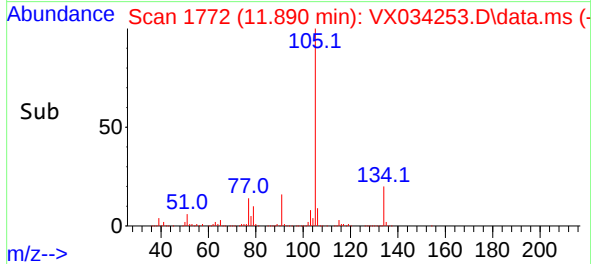
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



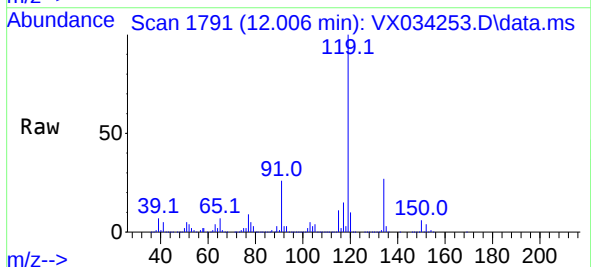
Tgt Ion:105 Resp: 963049
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.8 32.3

Manual Integrations
 APPROVED

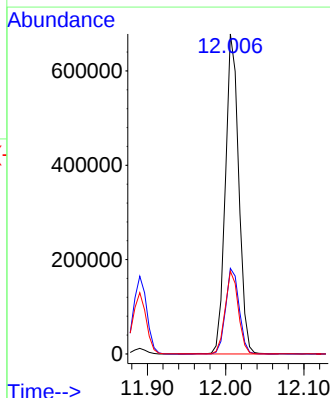
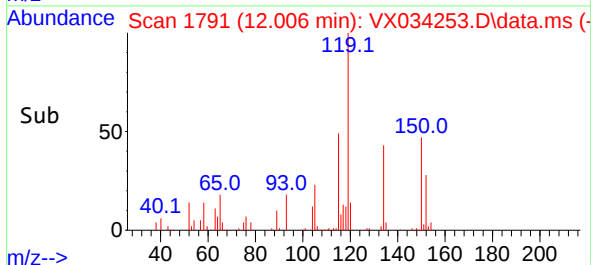
Reviewed By :John Carlone 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

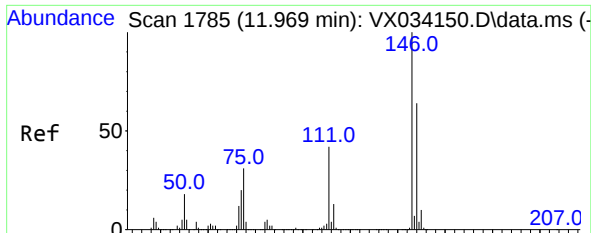


#86
 p-Isopropyltoluene
 Concen: 51.428 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034253.D
 Acq: 23 Feb 2023 17:09



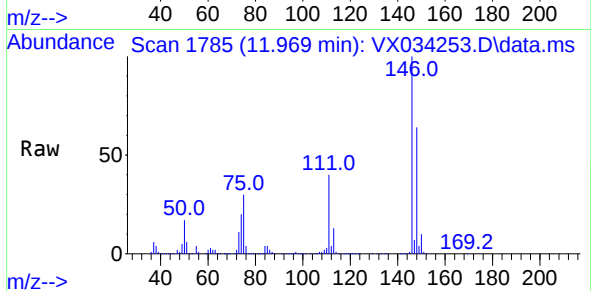
Tgt Ion:119 Resp: 805034
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 25.4 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 51.185 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

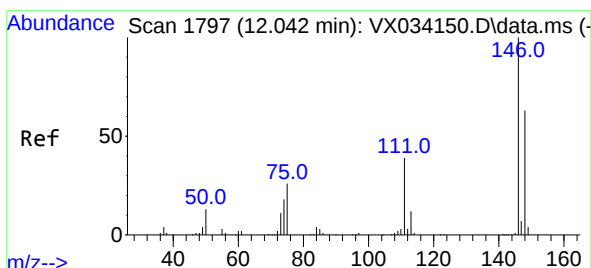
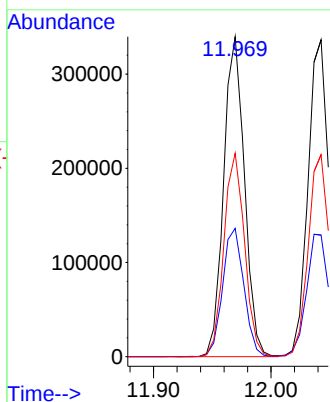
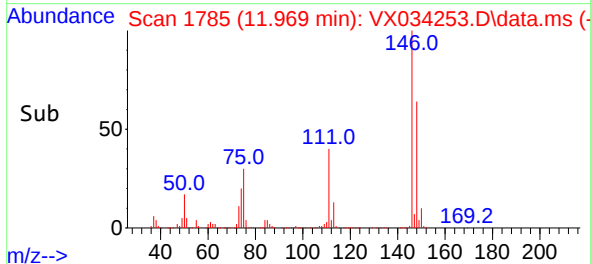
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



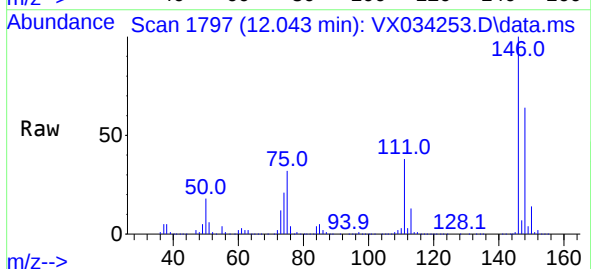
Tgt Ion:146 Resp: 417854
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 63.3 31.9 95.5

Manual Integrations
APPROVED

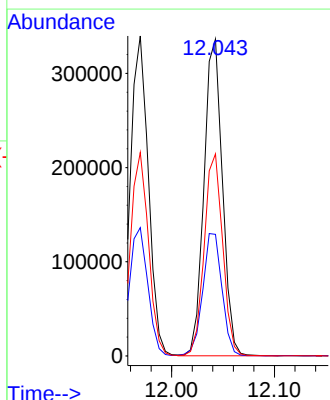
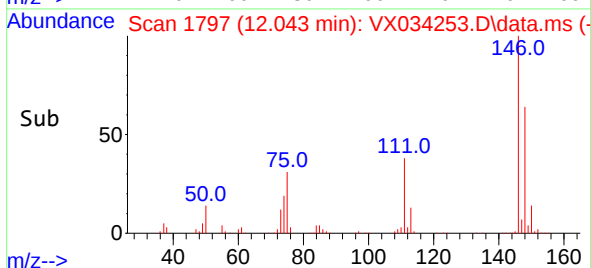
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

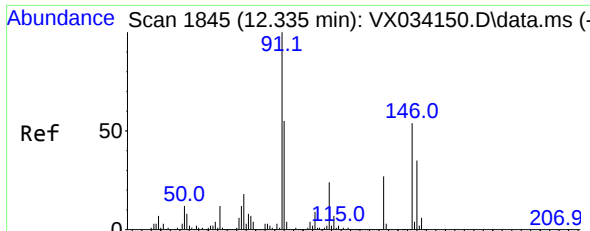


#88
1,4-Dichlorobenzene
Concen: 51.109 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



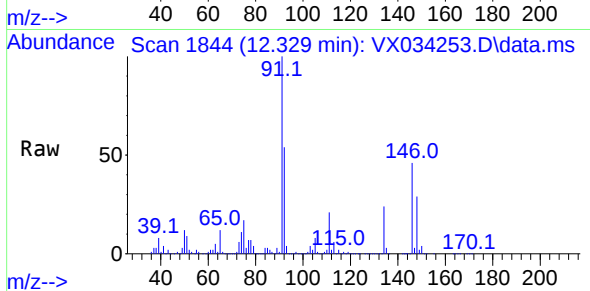
Tgt Ion:146 Resp: 420840
Ion Ratio Lower Upper
146 100
111 40.4 17.8 53.4
148 63.8 32.1 96.3





#89
n-Butylbenzene
Concen: 52.587 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

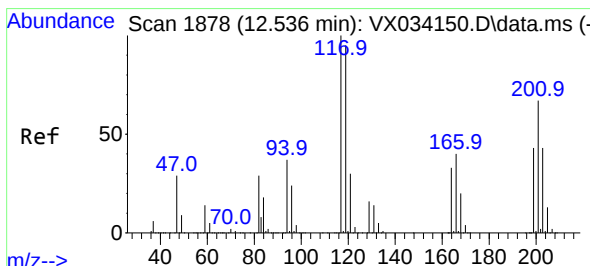
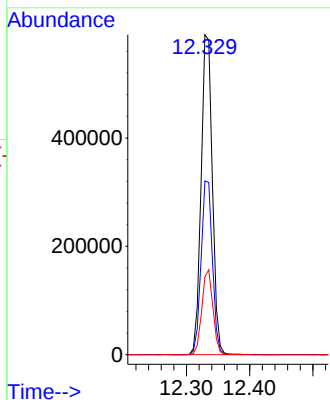
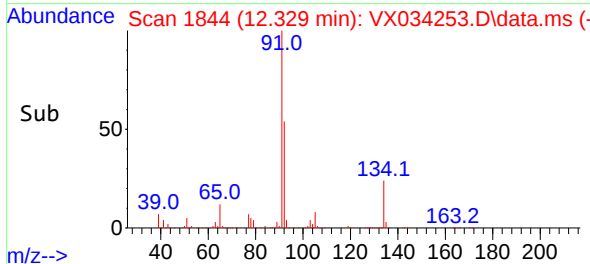
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 733168
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.5
134 26.1 14.3 42.9

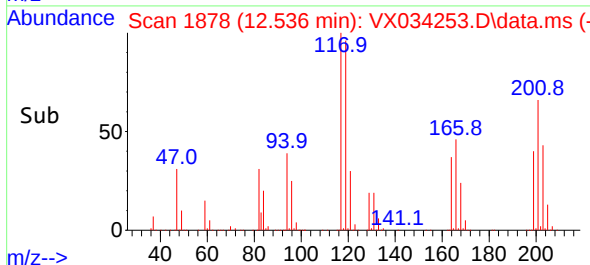
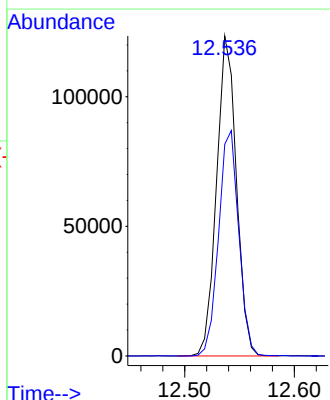
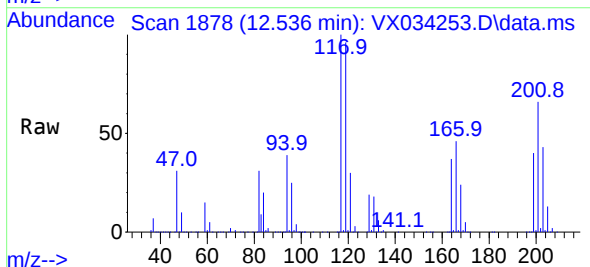
Manual Integrations
APPROVED

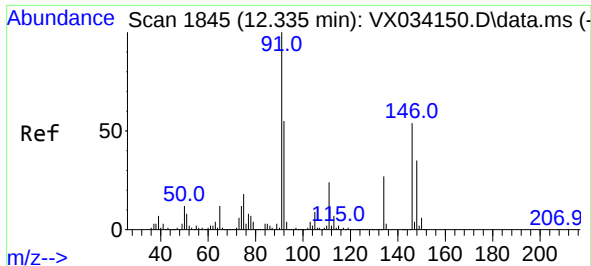
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#90
Hexachloroethane
Concen: 47.459 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

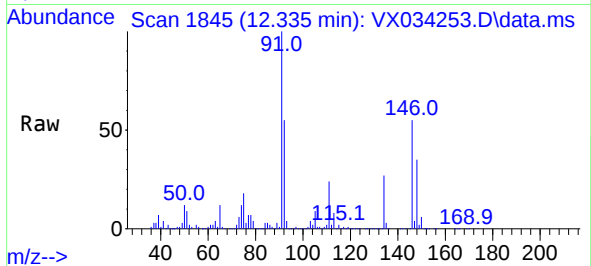
Tgt Ion:117 Resp: 155327
Ion Ratio Lower Upper
117 100
201 71.6 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 51.089 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

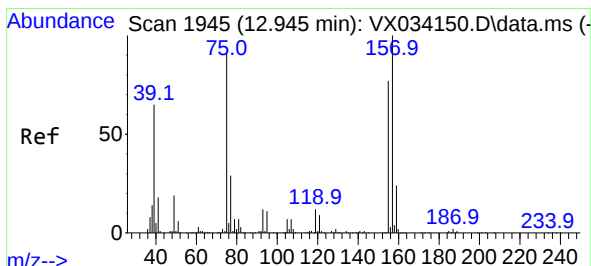
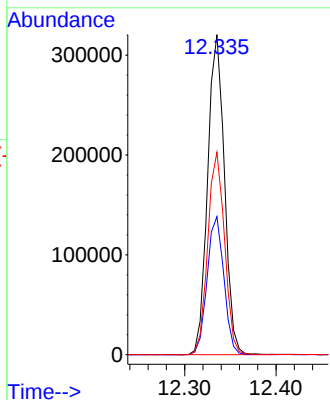
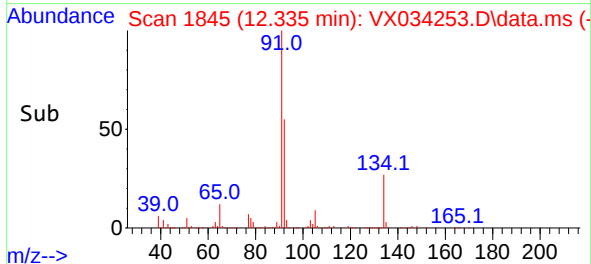
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



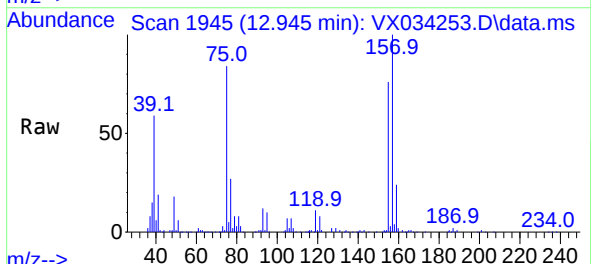
Tgt Ion:146 Resp: 408063
Ion Ratio Lower Upper
146 100
111 43.1 19.3 57.8
148 63.4 32.3 96.9

Manual Integrations
APPROVED

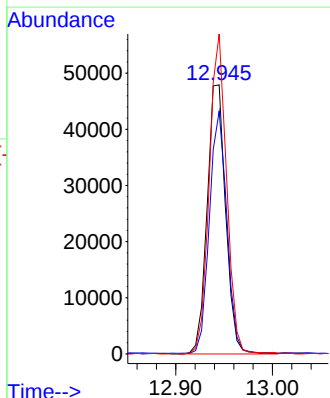
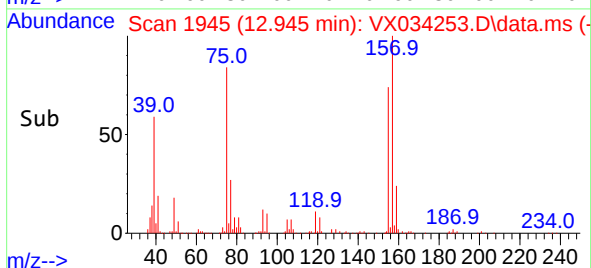
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

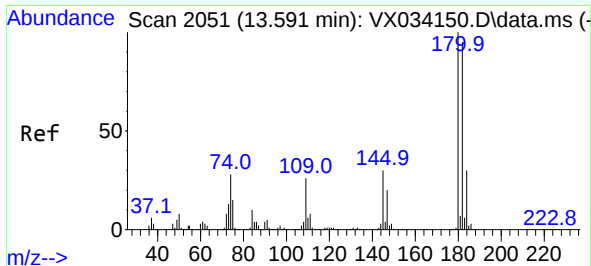


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.373 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09



Tgt Ion: 75 Resp: 63988
Ion Ratio Lower Upper
75 100
155 84.7 51.7 155.1
157 110.9 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 49.647 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

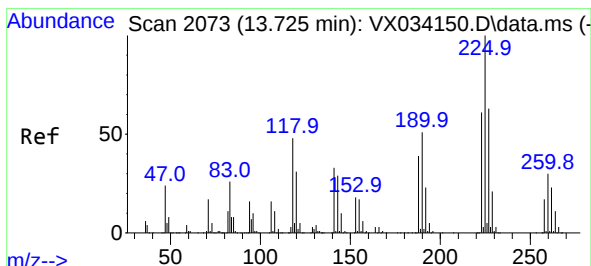
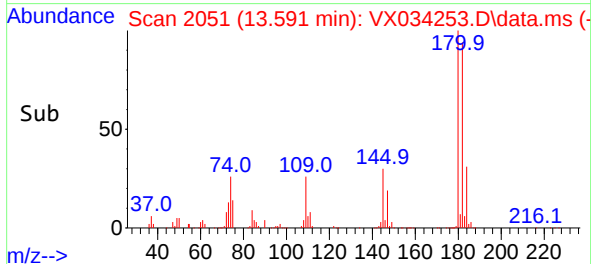
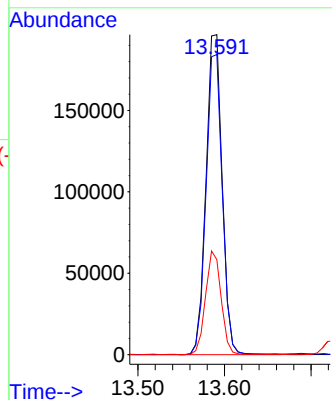
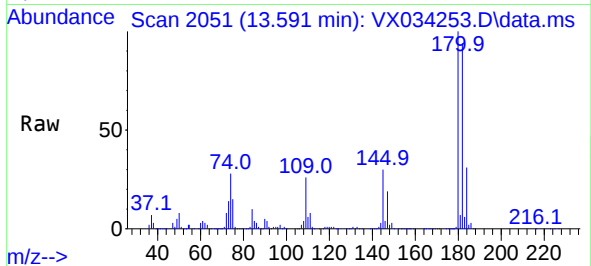
VSTDCCC050EC

Tgt Ion:180 Resp: 25458
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.6
145 31.5 14.1 42.2

Manual Integrations

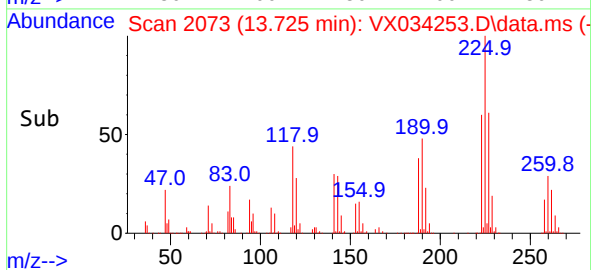
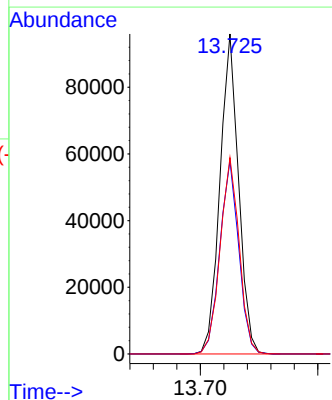
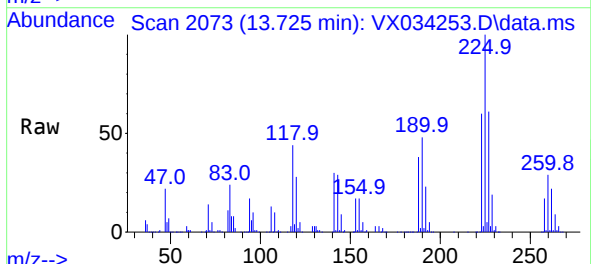
APPROVED

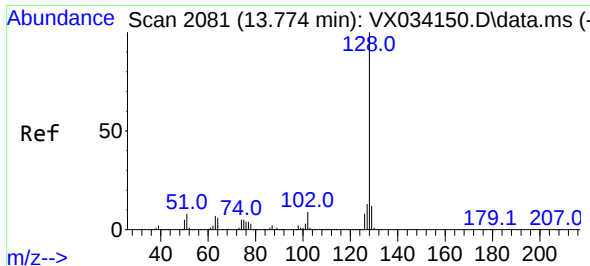
Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#94
Hexachlorobutadiene
Concen: 49.686 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Tgt Ion:225 Resp: 105624
Ion Ratio Lower Upper
225 100
223 61.5 31.3 93.9
227 63.0 32.3 96.9





#95
Naphthalene
Concen: 49.532 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

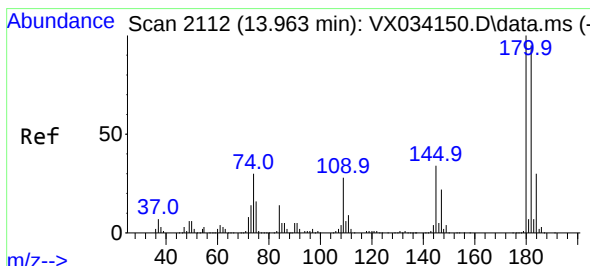
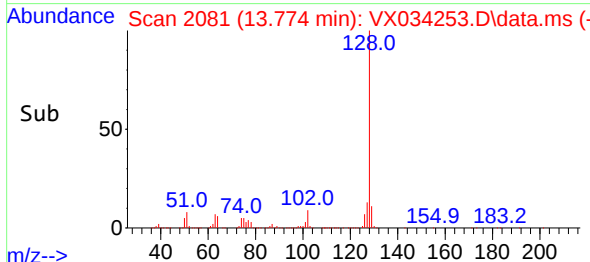
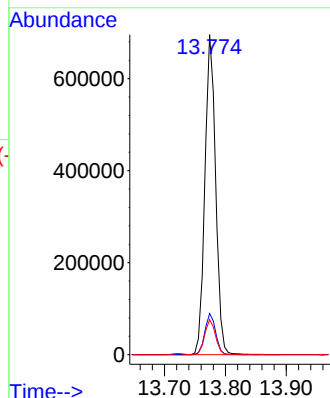
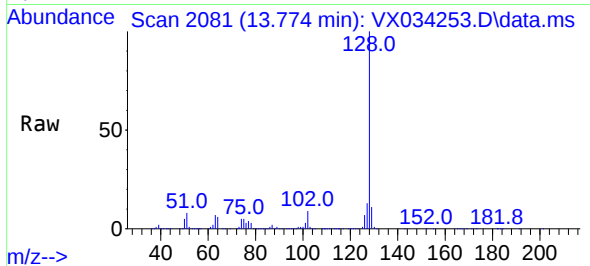
VSTDCCC050EC

Tgt Ion:128 Resp: 855649
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.480 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034253.D
Acq: 23 Feb 2023 17:09

Tgt Ion:180 Resp: 251900
Ion Ratio Lower Upper
180 100
182 94.0 47.6 142.9
145 33.4 15.1 45.3

