

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035823.D
 Acq On : 23 May 2023 18:49
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: May 24 05:52:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

05/25/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	4.898	128	36866	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	198171	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	176639	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	89954	29.366	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.900%		
60) 4-Bromofluorobenzene	11.079	95	88510	29.862	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.533%		
63) Toluene-d8	8.647	98	237881	30.463	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.533%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30930	16.407	ug/l	99
3) Chloromethane	1.295	50	43510	18.813	ug/l	99
4) Vinyl Chloride	1.374	62	39298	18.081	ug/l	96
5) Bromomethane	1.618	94	25547	17.472	ug/l	99
6) Chloroethane	1.691	64	26182	19.108	ug/l	99
7) Trichlorofluoromethane	1.886	101	53964	16.378	ug/l	97
8) Diethyl Ether	2.130	74	27391	19.995	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	30285	17.084	ug/l	100
10) 1,1-Dichloroethene	2.319	96	34268	18.543	ug/l	97
11) Methyl Iodide	2.453	142	40510	18.146	ug/l	96
12) Methyl Acetate	2.709	43	112847	21.610	ug/l	98
13) Acrolein	2.246	56	38725	93.814	ug/l	99
14) Acrylonitrile	3.069	53	133157	101.722	ug/l	99
15) Acetone	2.404	58	36910	94.267	ug/l	89
16) Carbon Disulfide	2.514	76	64538	16.092	ug/l	99
17) Allyl chloride	2.666	41	72032	19.321	ug/l	96
18) Methylene Chloride	2.788	84	47316	19.661	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	38860	18.653	ug/l	94
20) Diisopropyl ether	3.757	45	163625	20.330	ug/l	100
21) 1,1-Dichloroethane	3.611	63	82812	19.630	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	50556	19.612	ug/l	97
23) tert-Butyl Alcohol	3.044	59	50751m	106.210	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	153456	20.603	ug/l	96
25) Chloroform	5.093	83	84514	19.523	ug/l	98
26) Cyclohexane	5.471	56	53017	16.617	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	51923	18.815	ug/l	99
30) 2-Butanone	4.574	43	195333	108.129	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	54524	18.390	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	61994	19.237	ug/l	100
33) Carbon Tetrachloride	5.678	117	45814	18.004	ug/l	90
34) Benzene	6.038	78	177347	20.371	ug/l	98
35) Methacrylonitrile	4.916	41	41024	21.282	ug/l	98
36) 1,2-Dichloroethane	6.086	62	70891	20.924	ug/l	100
37) Trichloroethene	7.123	130	43492	19.875	ug/l	96
38) Methylcyclohexane	7.385	83	50606	16.722	ug/l	99
39) 1,2-Dichloropropane	7.428	63	48323	20.622	ug/l	97
40) Dibromomethane	7.580	93	32432	20.464	ug/l	98
41) Bromodichloromethane	7.818	83	56417	19.691	ug/l #	99
42) Vinyl Acetate	3.721	43	565054	106.488	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	72775	21.124	ug/l	99
44) Isopropyl Acetate	6.336	43	121747	21.680	ug/l	100
45) 1,4-Dioxane	7.738	88	22721m	425.977	ug/l	
46) Methyl methacrylate	7.690	41	58004	21.377	ug/l	97
47) n-amyl Acetate	10.842	43	100416	21.288	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	60004	18.931	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	68078	19.462	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	47310	20.865	ug/l	97
51) Ethyl methacrylate	9.116	69	74684	21.367	ug/l	97
52) 1,3-Dichloropropane	9.305	76	82628	20.911	ug/l	98
53) Dibromochloromethane	9.519	129	38696	18.609	ug/l	97
54) 1,2-Dibromoethane	9.610	107	49003	20.802	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	216967	116.973	ug/l	99
56) Bromoform	10.799	173	23493	17.428	ug/l	96
58) 4-Methyl-2-Pentanone	8.574	43	382227	111.405	ug/l	100
59) 2-Hexanone	9.433	43	284652	110.260	ug/l	99
61) Tetrachloroethene	9.275	164	35386	20.801	ug/l	96
62) Toluene	8.720	91	184274	20.258	ug/l	99
64) Chlorobenzene	10.079	112	116138	20.159	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	39578	19.651	ug/l	97
66) Ethyl Benzene	10.195	91	200886	19.746	ug/l	99
67) m/p-Xylenes	10.299	106	153187	39.782	ug/l	97
68) o-Xylene	10.640	106	77582	20.142	ug/l	99
69) Styrene	10.653	104	128076	20.148	ug/l	98
70) Isopropylbenzene	10.963	105	188382	19.161	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	74549	21.408	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	61094m	20.144	ug/l	
73) Bromobenzene	11.195	156	47107	19.722	ug/l	94
74) n-propylbenzene	11.305	91	218176	18.618	ug/l	99
75) 2-Chlorotoluene	11.366	91	141741	19.691	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	160460	19.217	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	15560	17.007	ug/l	84
78) 4-Chlorotoluene	11.451	91	158509	19.329	ug/l	99
79) tert-butylbenzene	11.713	119	150915	18.722	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	161884	19.292	ug/l	98
81) sec-Butylbenzene	11.890	105	182434	17.926	ug/l	99
82) p-Isopropyltoluene	12.006	119	154555	18.254	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	86524	19.140	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	89389	19.701	ug/l	98
85) n-Butylbenzene	12.329	91	126642	16.813	ug/l	99
86) Hexachloroethane	12.536	117	20723	15.542	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	90187	20.362	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	13353	20.063	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	50851	19.157	ug/l	99
90) Hexachlorobutadiene	13.725	225	15387	15.725	ug/l	96
91) Naphthalene	13.774	128	200868	21.867	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	52413	19.776	ug/l	98

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

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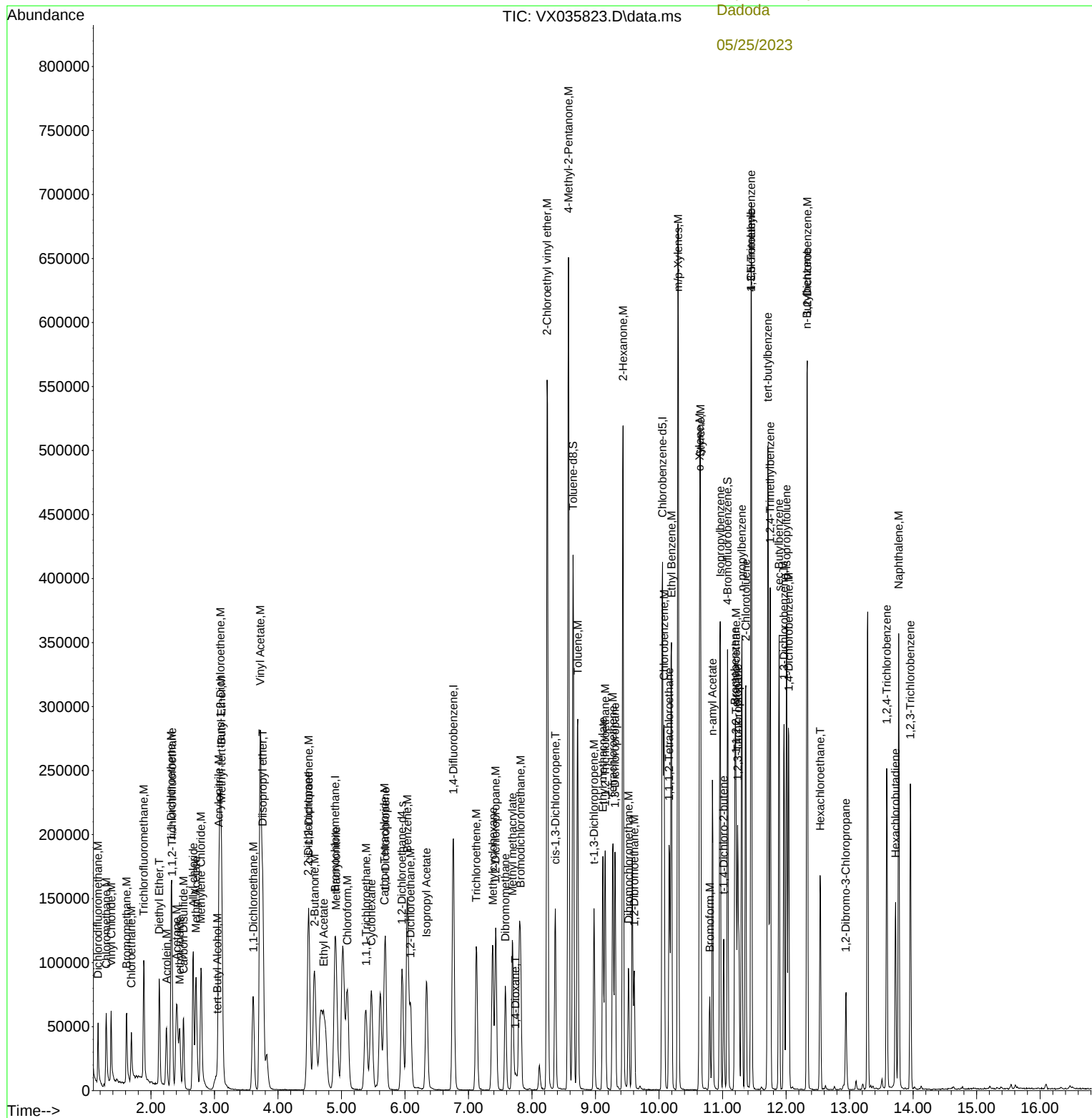
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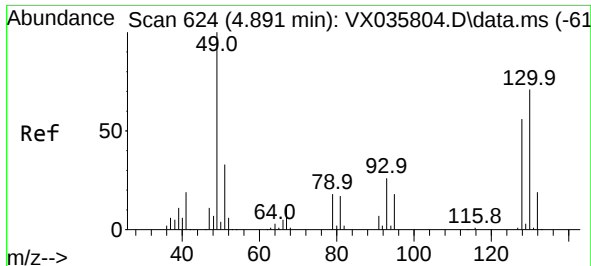
Manual Integrations APPROVED

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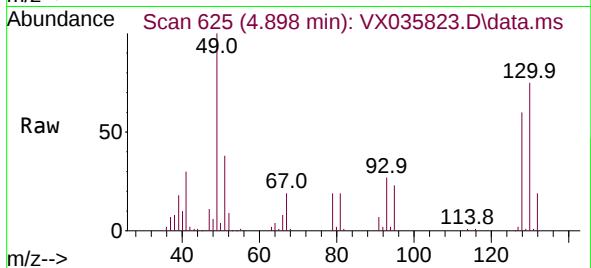
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

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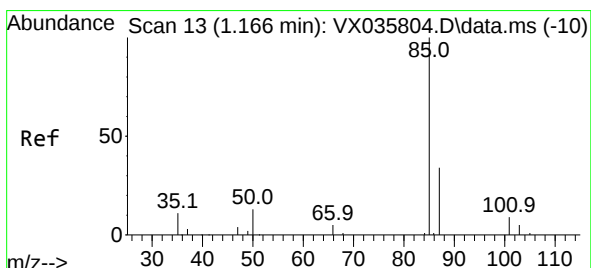
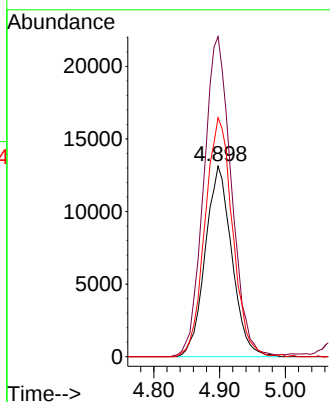
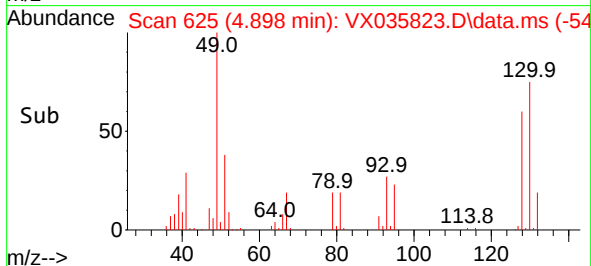
Tgt Ion:128 Resp: 3686
Ion Ratio Lower Upper
128 100
49 175.2 0.0 428.8
130 130.1 0.0 310.8

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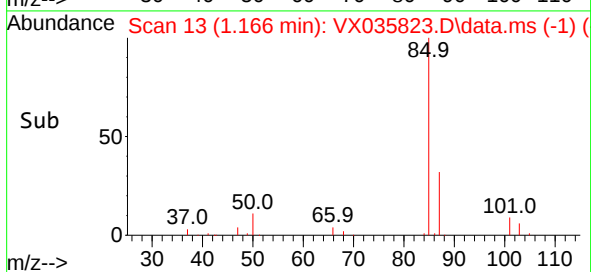
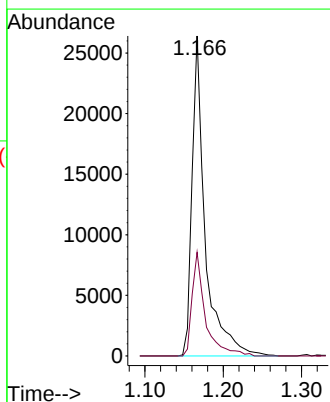
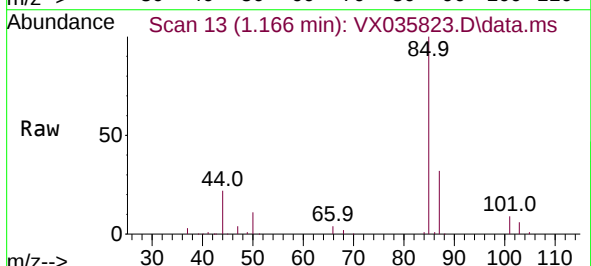
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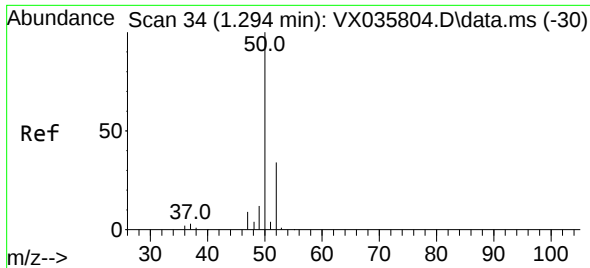
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#2
Dichlorodifluoromethane
Concen: 16.407 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

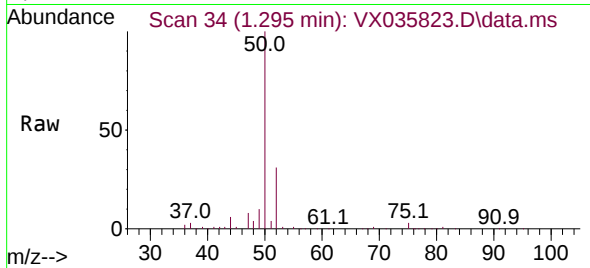
Tgt Ion: 85 Resp: 30930
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





#3
Chloromethane
Concen: 18.813 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

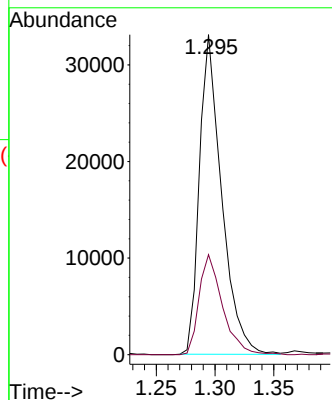
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 43510
Ion Ratio Lower Upper
50 100
52 31.3 24.6 36.8

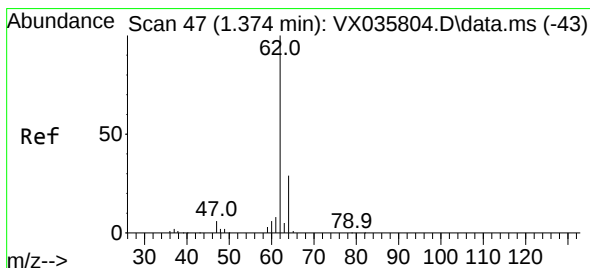
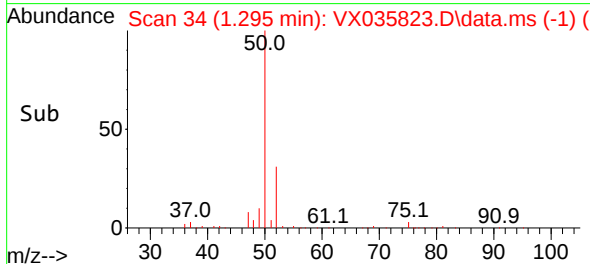
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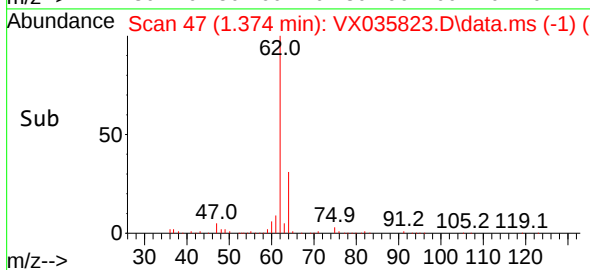
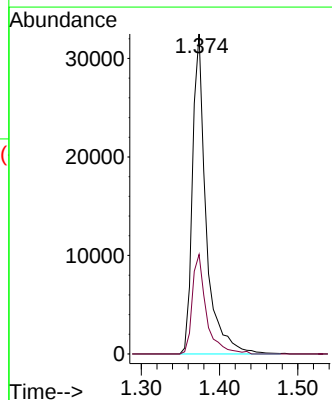
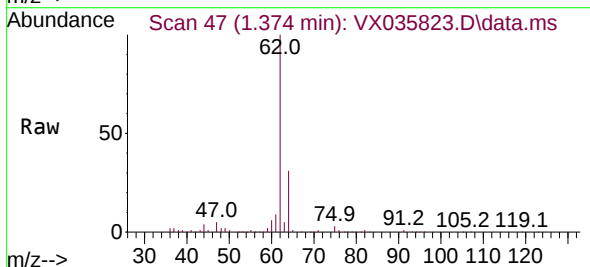
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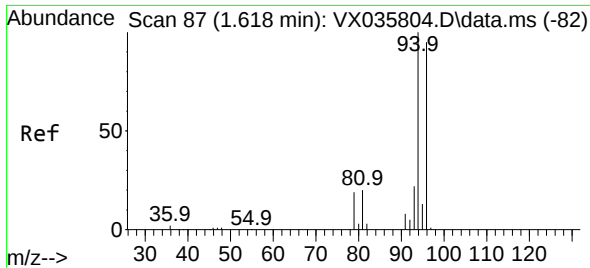
05/25/2023



#4
Vinyl Chloride
Concen: 18.081 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 62 Resp: 39298
Ion Ratio Lower Upper
62 100
64 31.1 26.9 40.3





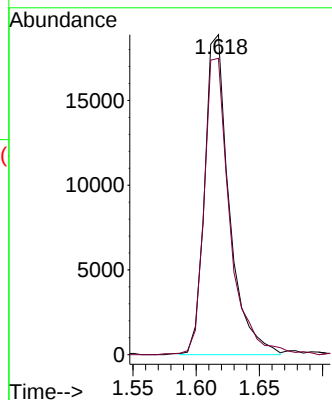
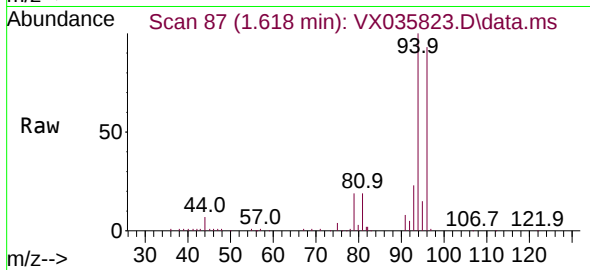
#5
Bromomethane
Concen: 17.472 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2554
Ion Ratio Lower Upper
94 100
96 92.5 73.4 110.0

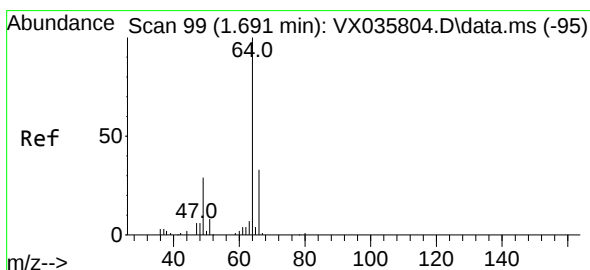
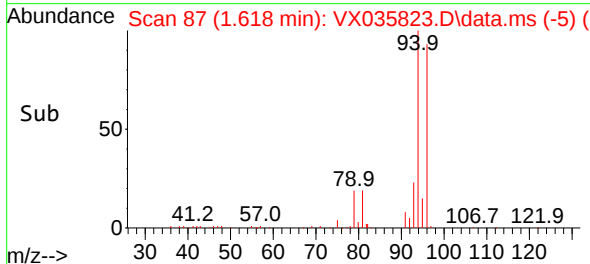
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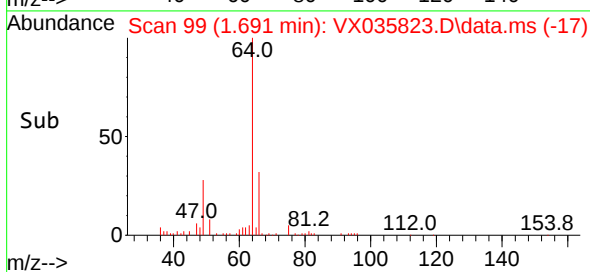
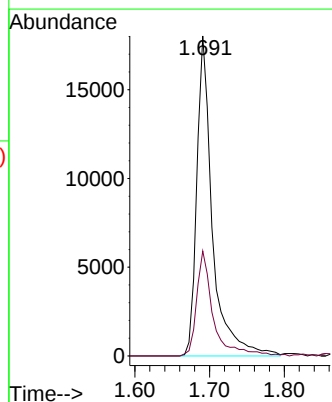
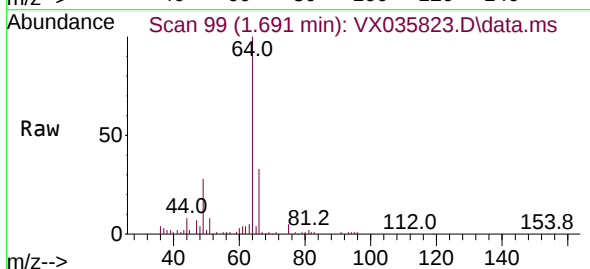
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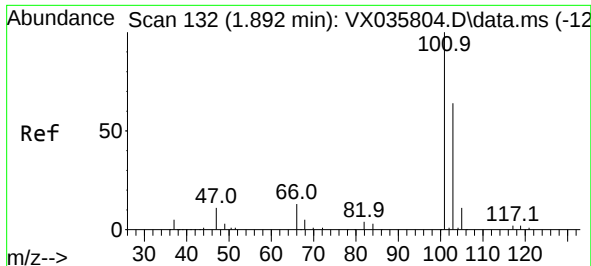
05/25/2023



#6
Chloroethane
Concen: 19.108 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 64 Resp: 26182
Ion Ratio Lower Upper
64 100
66 32.8 26.6 40.0





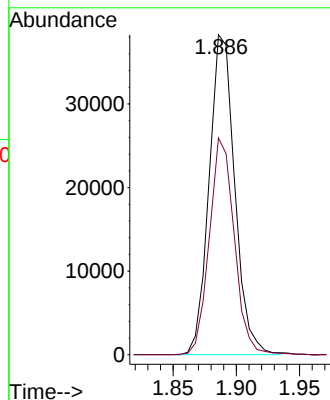
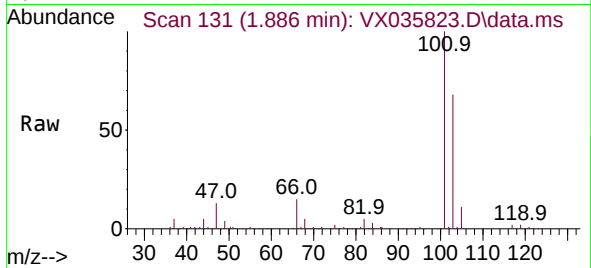
#7
Trichlorofluoromethane
Concen: 16.378 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 53964
Ion Ratio Lower Upper
101 100
103 67.6 52.1 78.1

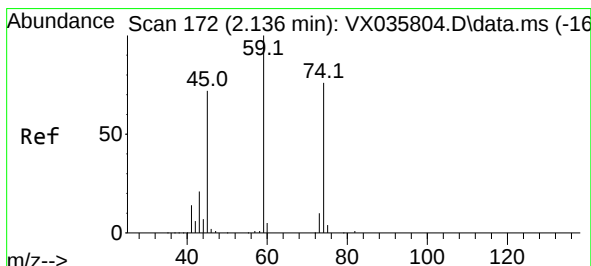
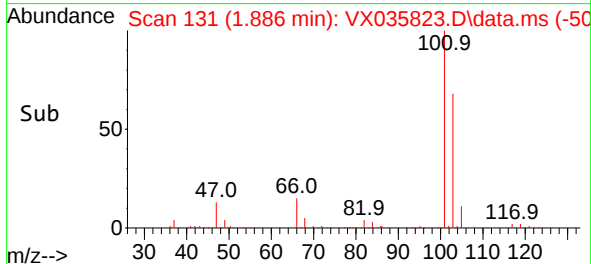
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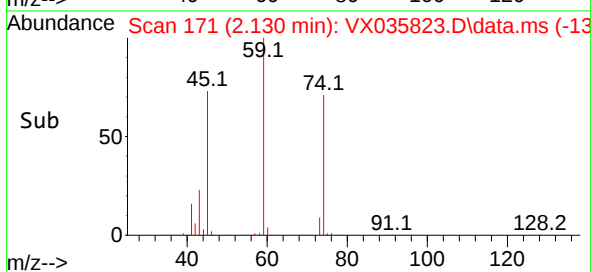
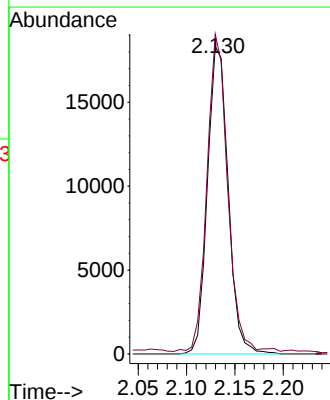
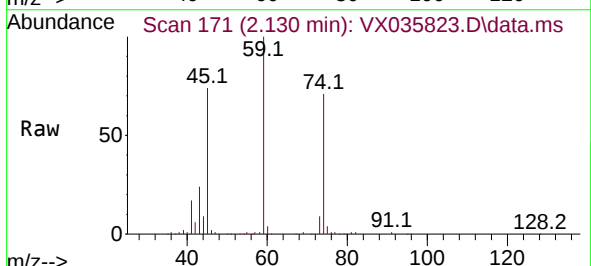
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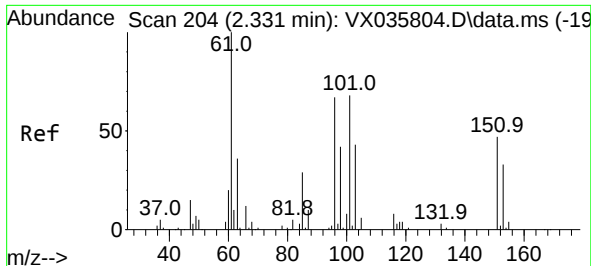
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#8
Diethyl Ether
Concen: 19.995 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035823.D
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Tgt Ion: 74 Resp: 27391
Ion Ratio Lower Upper
74 100
45 102.5 20.5 184.5





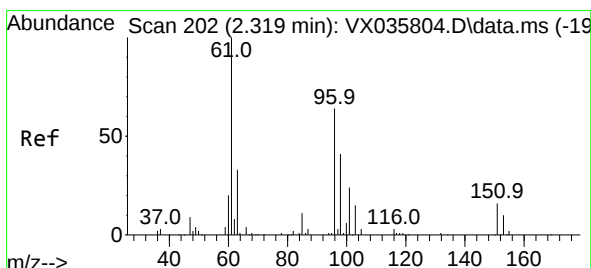
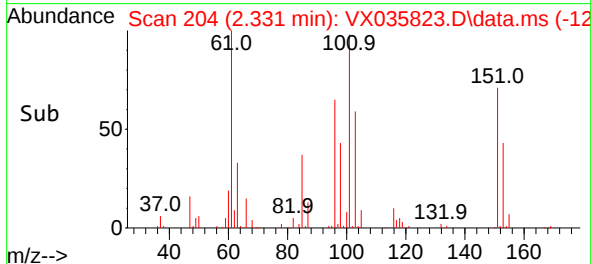
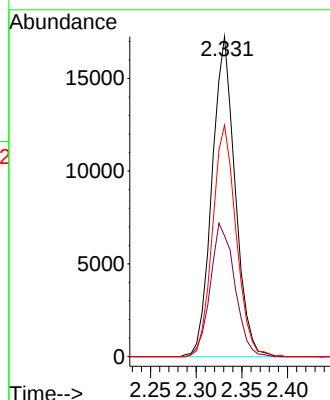
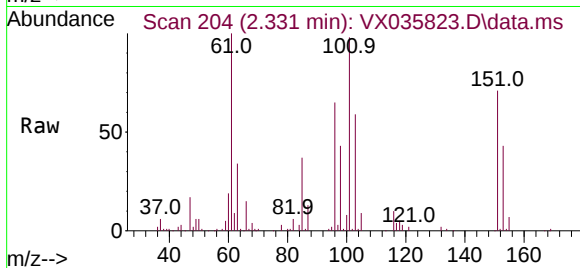
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.084 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3028
Ion Ratio Lower Upper
101 100
85 44.1 0.0 88.8
151 74.0 0.0 147.6

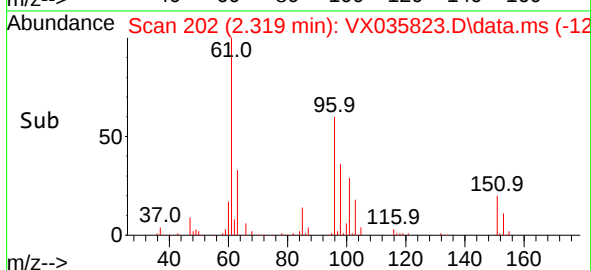
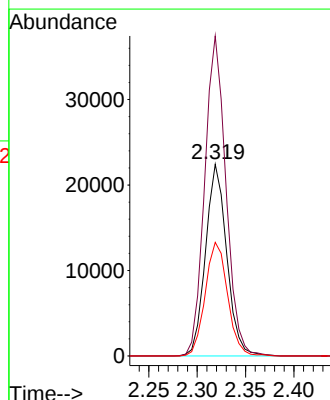
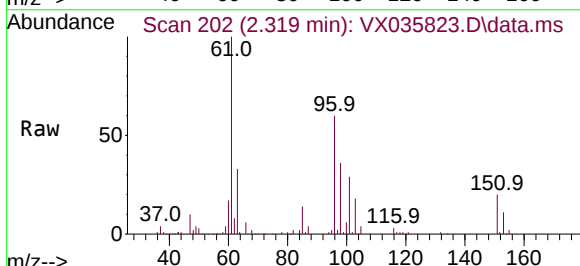
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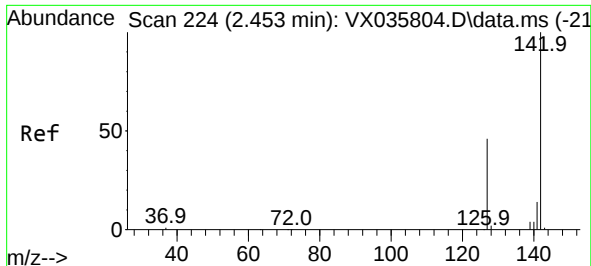
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
1,1-Dichloroethene
Concen: 18.543 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

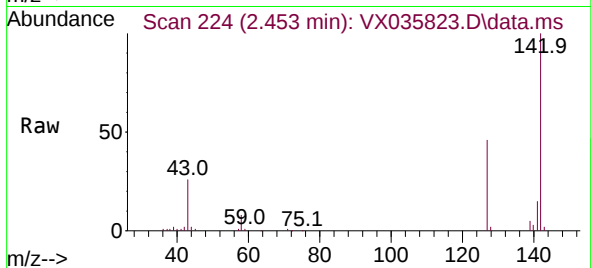
Tgt Ion: 96 Resp: 34268
Ion Ratio Lower Upper
96 100
61 166.9 135.8 203.6
98 59.3 49.8 74.6





#11
Methyl Iodide
Concen: 18.146 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



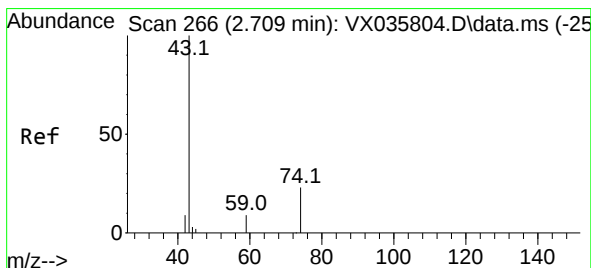
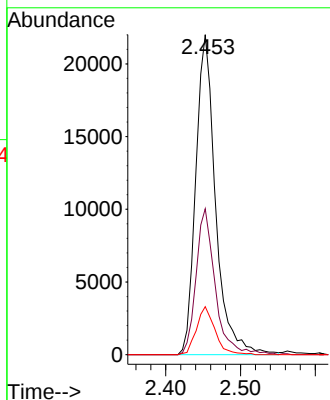
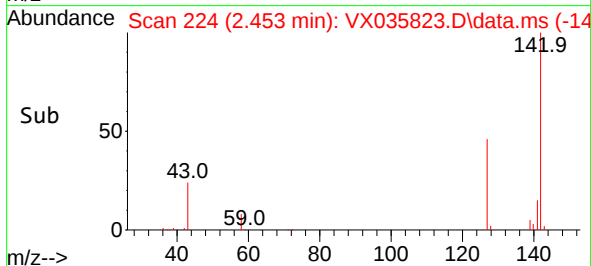
Tgt Ion:142 Resp: 40510
Ion Ratio Lower Upper
142 100
127 45.8 24.5 73.5
141 15.0 7.6 22.8

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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

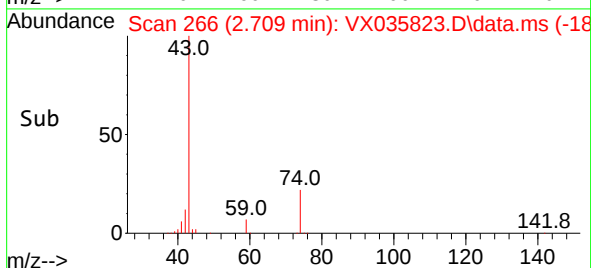
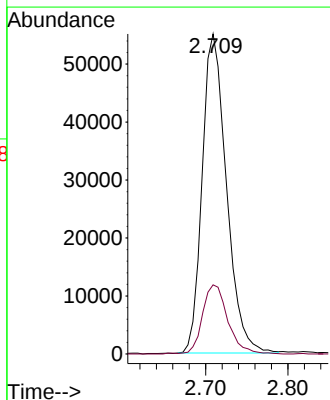
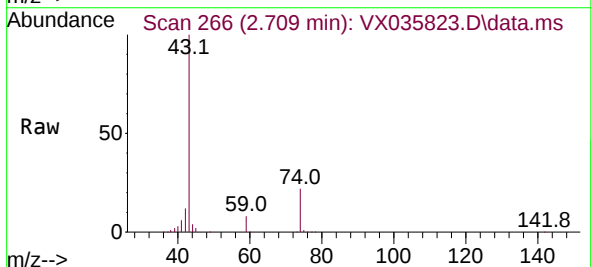
05/25/2023
Supervised By :Mahesh
Dadoda

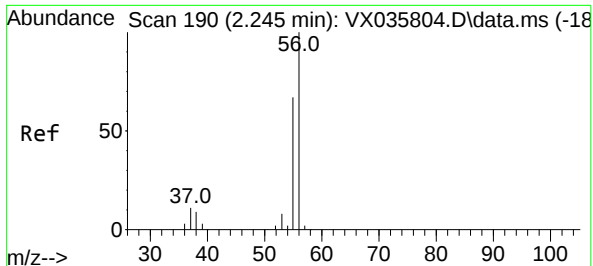
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#12
Methyl Acetate
Concen: 21.610 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

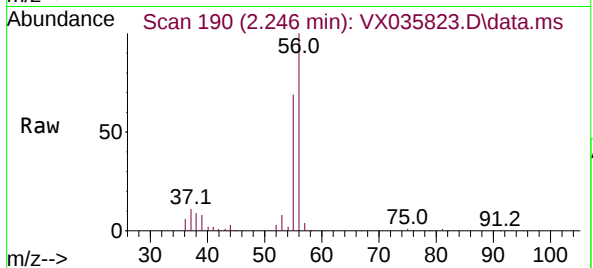
Tgt Ion: 43 Resp: 112847
Ion Ratio Lower Upper
43 100
74 21.6 18.0 27.0





#13
Acrolein
Concen: 93.814 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

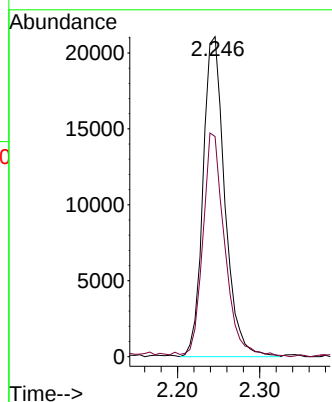
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 38725
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

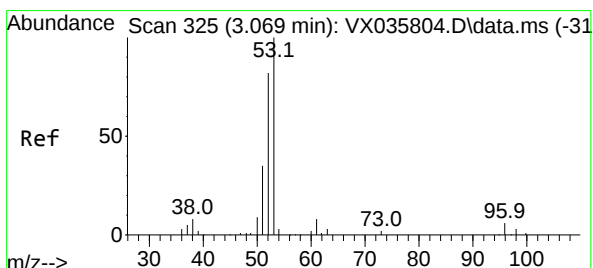
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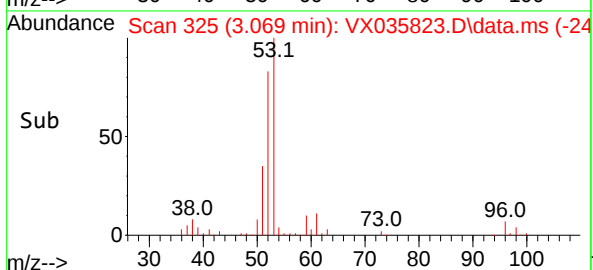
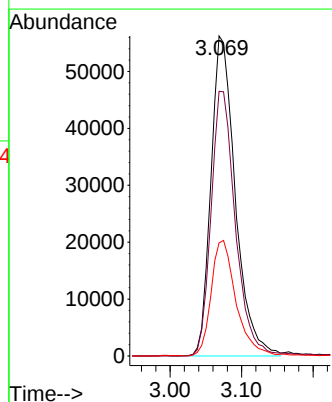
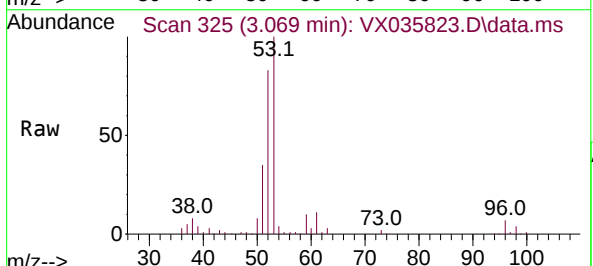
05/25/2023
Supervised By :Mahesh
Dadoda

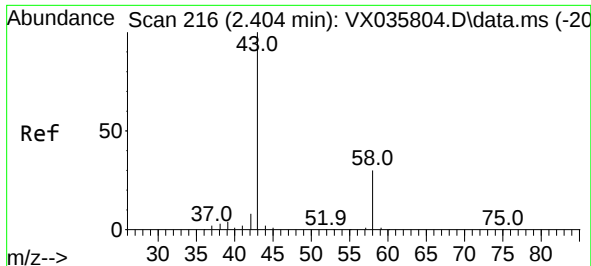
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#14
Acrylonitrile
Concen: 101.722 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

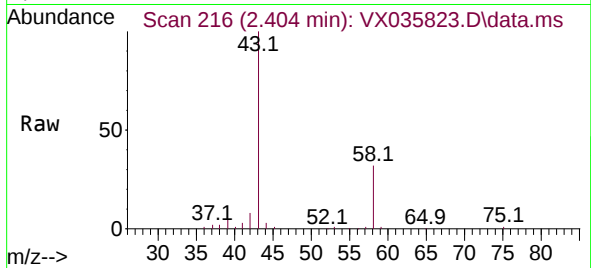
Tgt Ion: 53 Resp: 133157
Ion Ratio Lower Upper
53 100
52 82.7 41.3 123.7
51 36.7 17.9 53.7





#15
Acetone
Concen: 94.267 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

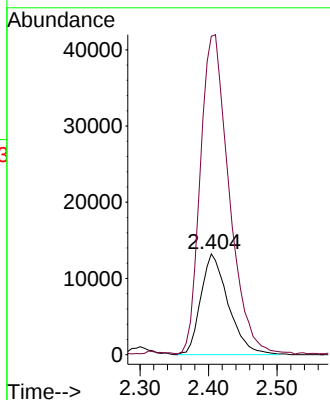
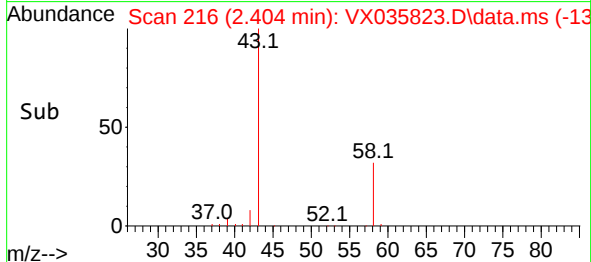
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 36910
Ion Ratio Lower Upper
58 100
43 314.7 270.8 406.2

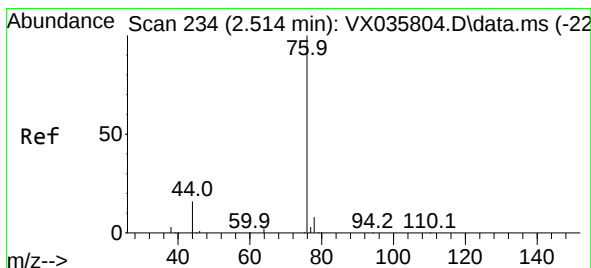
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

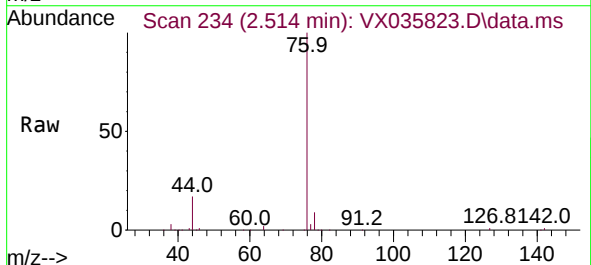


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Supervised By :Mahesh
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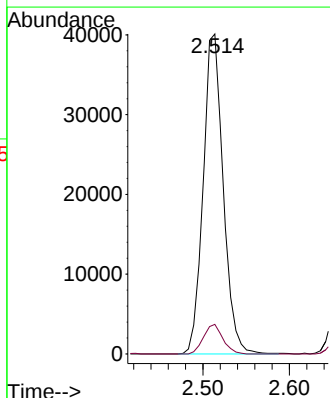
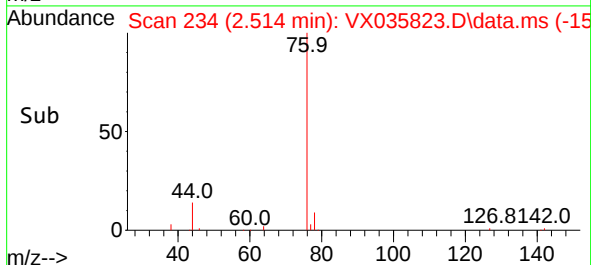
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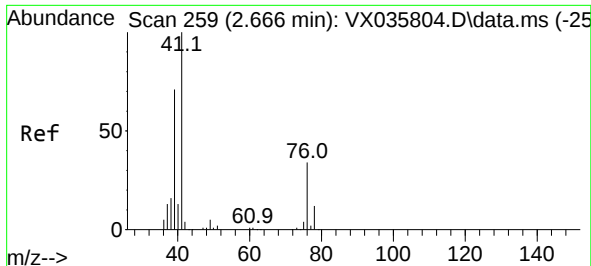


#16
Carbon Disulfide
Concen: 16.092 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49



Tgt Ion: 76 Resp: 64538
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6





#17
 Allyl chloride
 Concen: 19.321 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX035823.D
 Acq: 23 May 2023 18:49

Instrument :

MSVOA_X

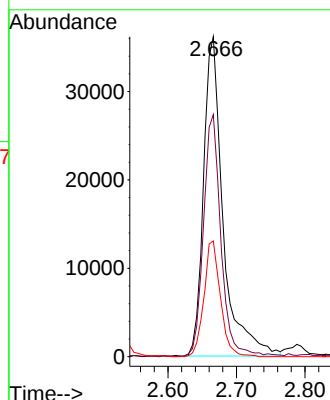
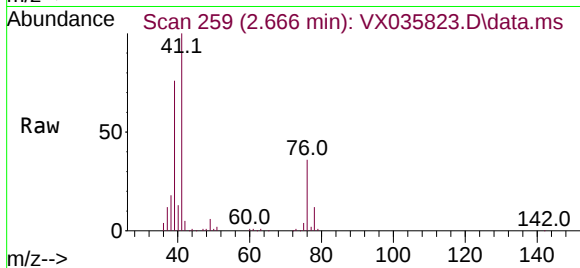
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 7203
 Ion Ratio Lower Upper
 41 100
 39 75.8 36.4 109.3
 76 36.2 17.0 51.0

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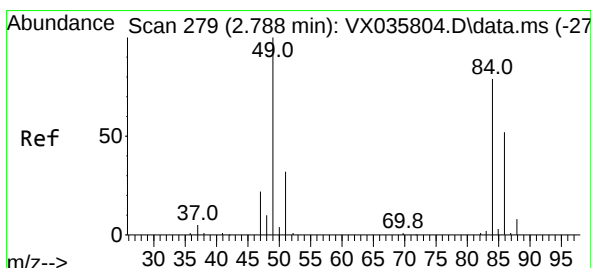
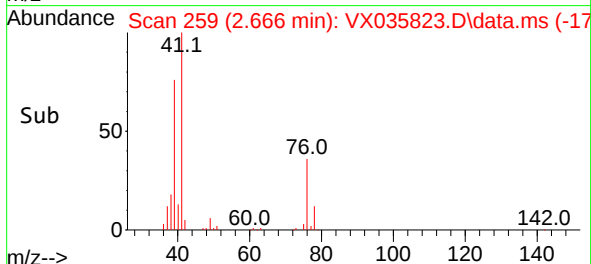
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



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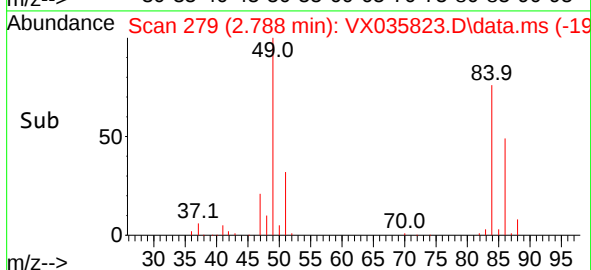
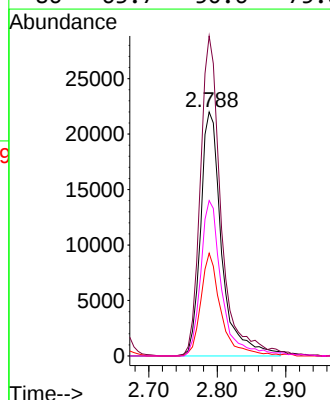
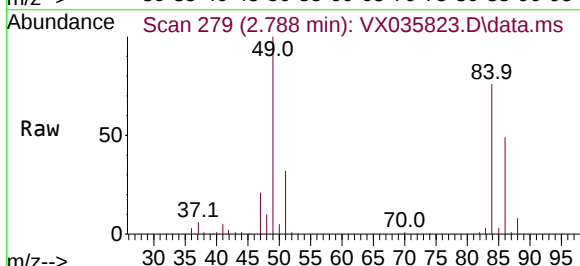
Supervised By :Mahesh
 Dadoda

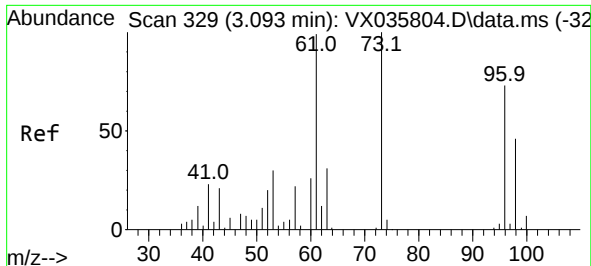
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#18
 Methylene Chloride
 Concen: 19.661 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX035823.D
 Acq: 23 May 2023 18:49

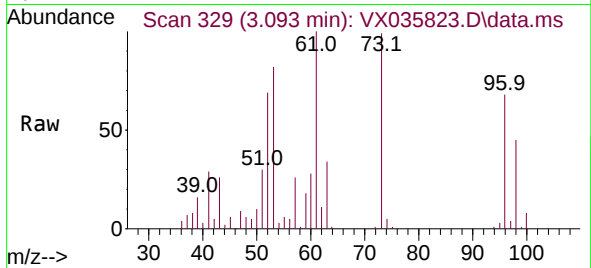
Tgt Ion: 84 Resp: 47316
 Ion Ratio Lower Upper
 84 100
 49 130.7 103.9 155.9
 51 42.1 30.6 45.8
 86 63.7 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 18.653 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



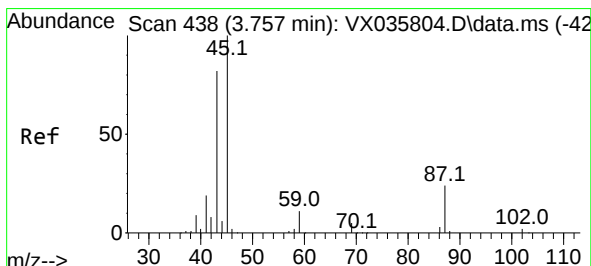
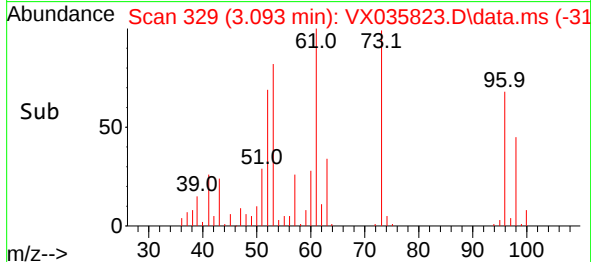
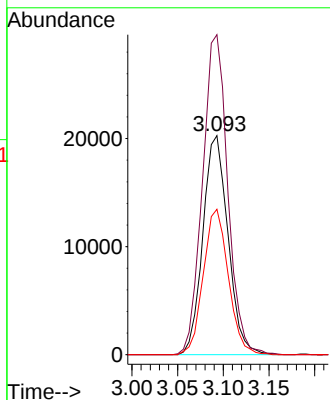
Tgt Ion: 96 Resp: 38860
Ion Ratio Lower Upper
96 100
61 145.8 111.1 166.7
98 66.4 48.6 72.8

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Supervised By :Mahesh Dadoda 05/25/2023

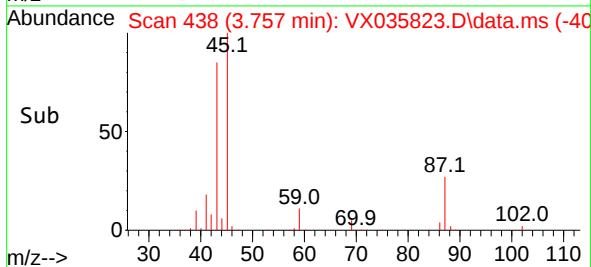
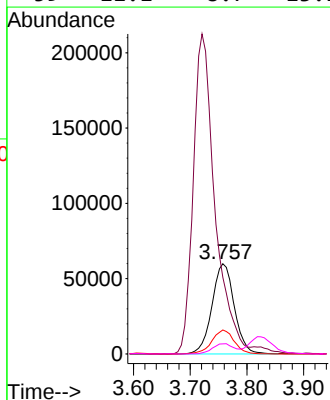
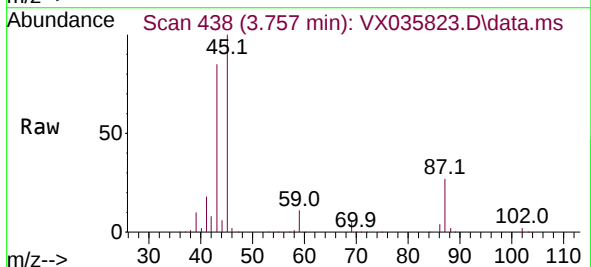
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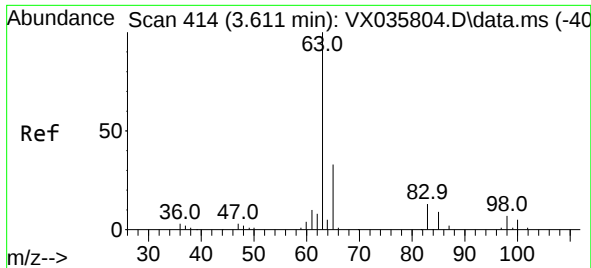
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#20
Diisopropyl ether
Concen: 20.330 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 45 Resp: 163625
Ion Ratio Lower Upper
45 100
43 82.4 66.0 99.0
87 26.6 21.8 32.6
59 11.1 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.630 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

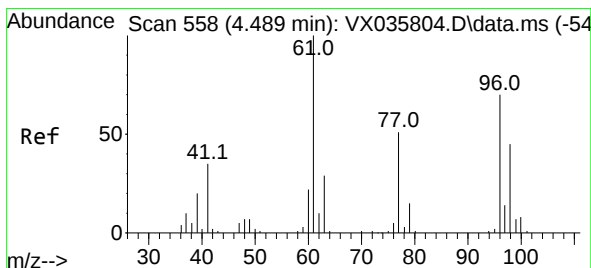
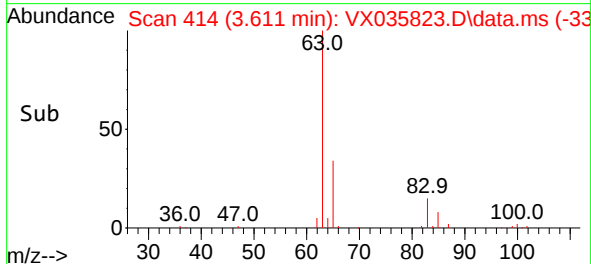
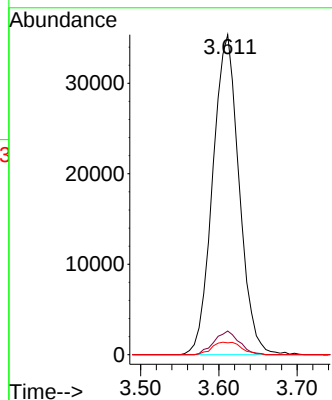
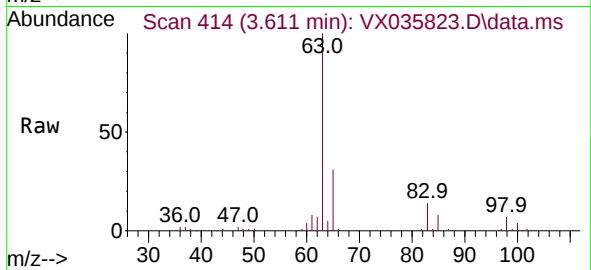
Tgt Ion: 63 Resp: 8281
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.6
100 3.7 2.2 6.6

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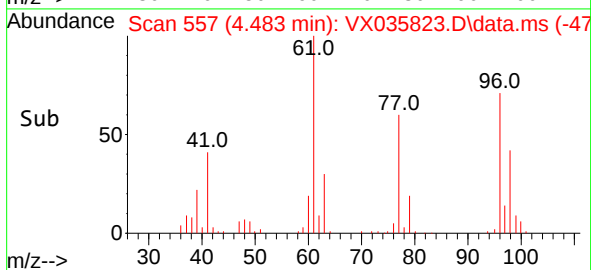
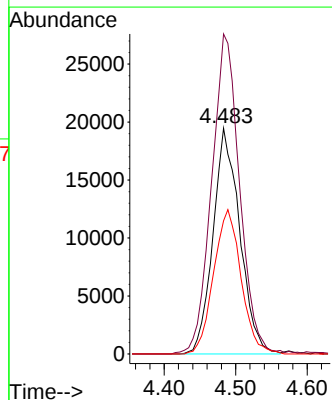
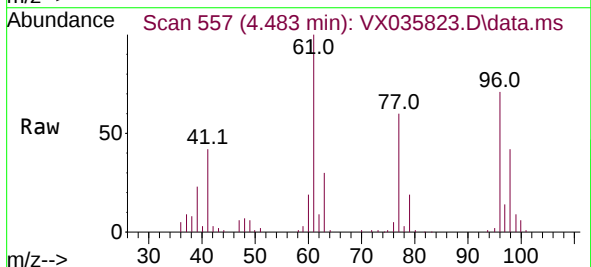
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Dadoda

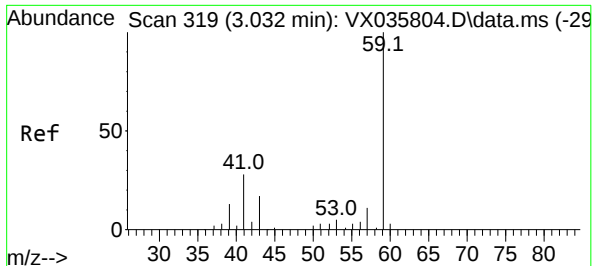
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#22
cis-1,2-Dichloroethene
Concen: 19.612 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 96 Resp: 50556
Ion Ratio Lower Upper
96 100
61 147.7 121.7 182.5
98 65.8 52.2 78.2





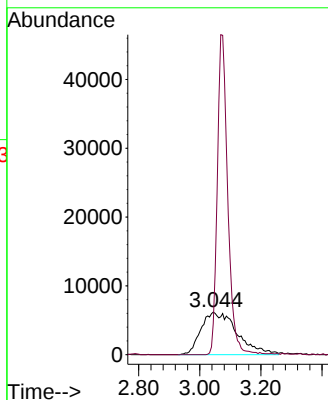
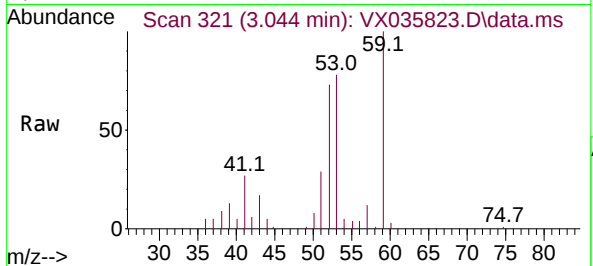
#23
tert-Butyl Alcohol
Concen: 106.210 ug/l m
RT: 3.044 min Scan# 319
Delta R.T. 0.012 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 5075
Ion Ratio Lower Upper
59 100
52 216.9 0.2 0.4

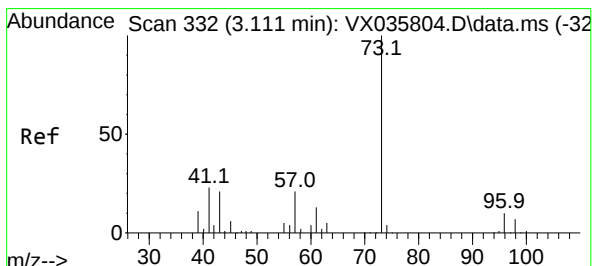
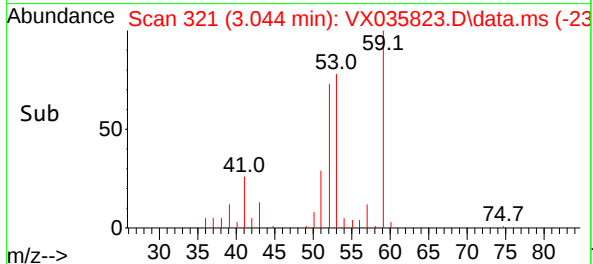
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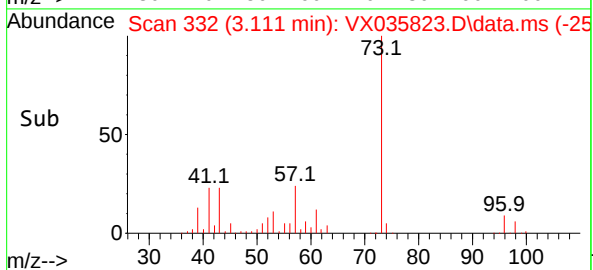
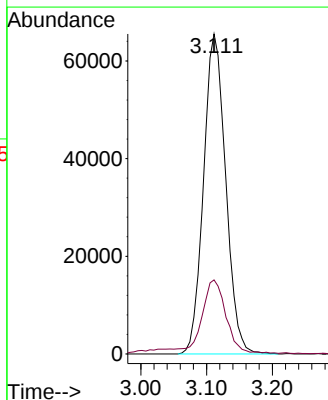
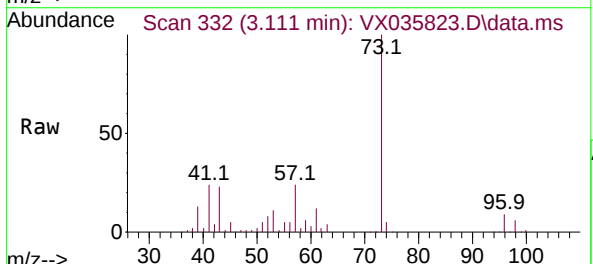
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Supervised By :Mahesh
Dadoda

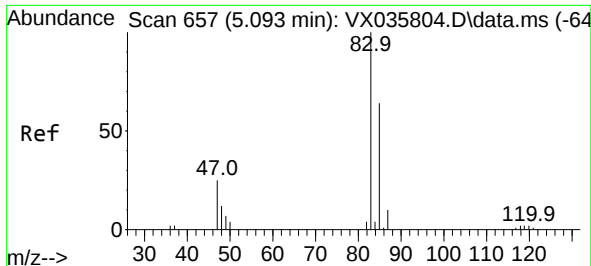
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#24
Methyl tert-Butyl Ether
Concen: 20.603 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 73 Resp: 153456
Ion Ratio Lower Upper
73 100
43 24.3 17.9 26.9





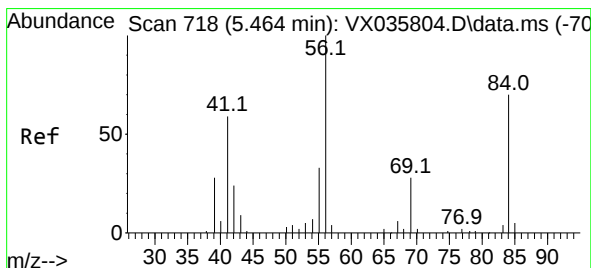
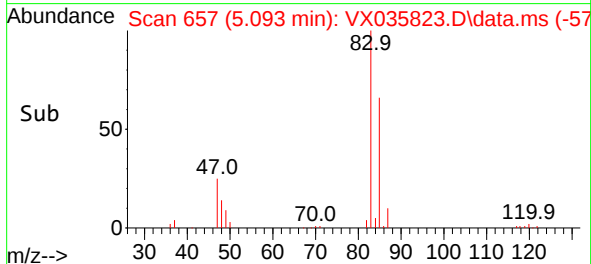
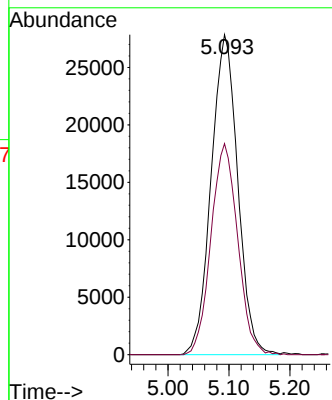
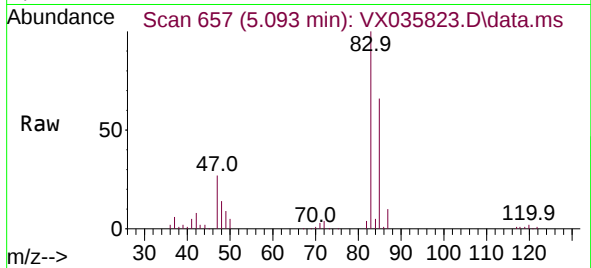
#25
Chloroform
Concen: 19.523 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 84514
Ion Ratio Lower Upper
83 100
85 65.9 51.2 76.8

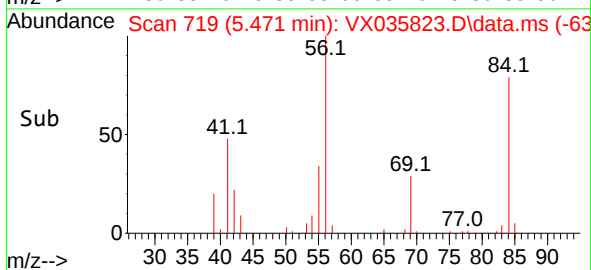
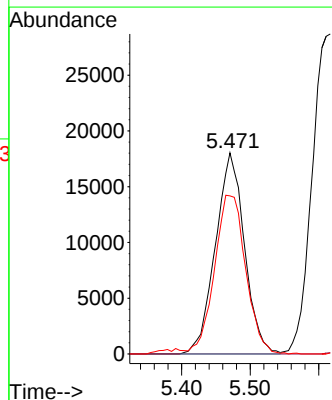
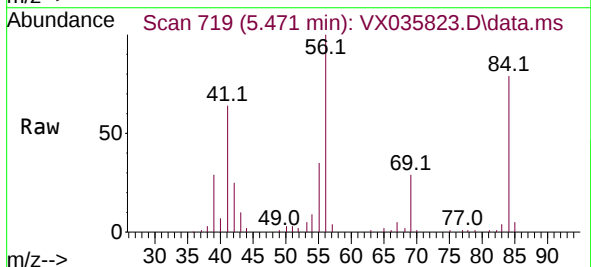
Manual Integrations
APPROVED

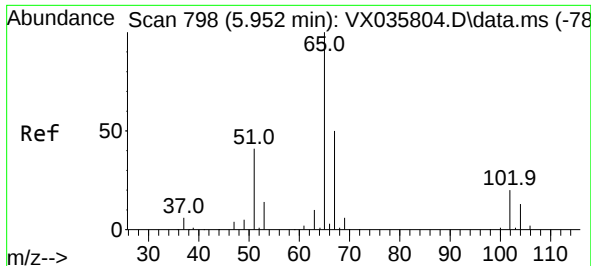
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
Cyclohexane
Concen: 16.617 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

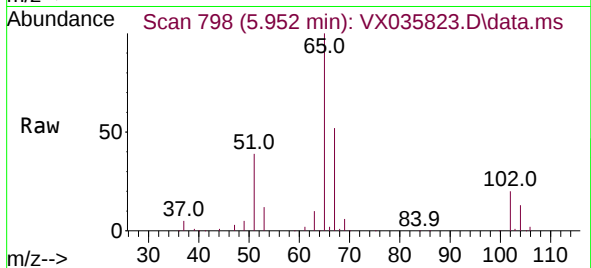
Tgt Ion: 56 Resp: 53017
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.8 67.4 101.2





#27
1,2-Dichloroethane-d4
Concen: 29.366 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

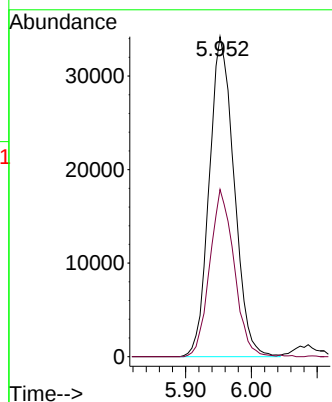
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 65 Resp: 89954
Ion Ratio Lower Upper
65 100
67 51.2 40.9 61.3

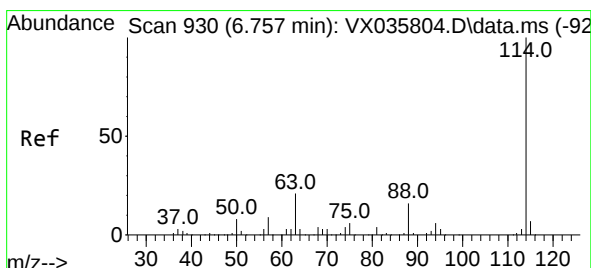
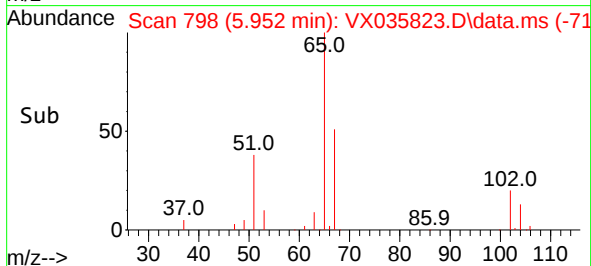
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



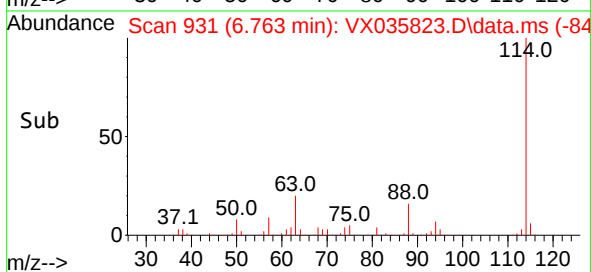
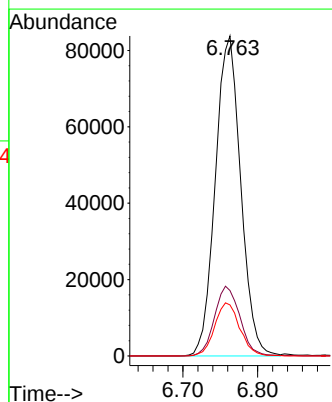
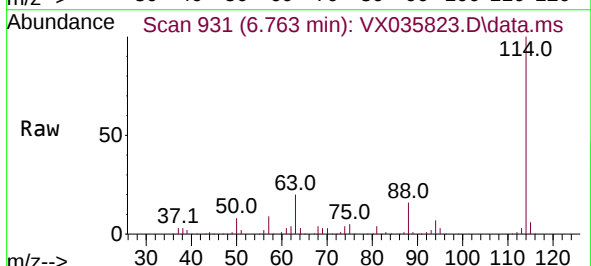
05/25/2023
Supervised By :Mahesh
Dadoda

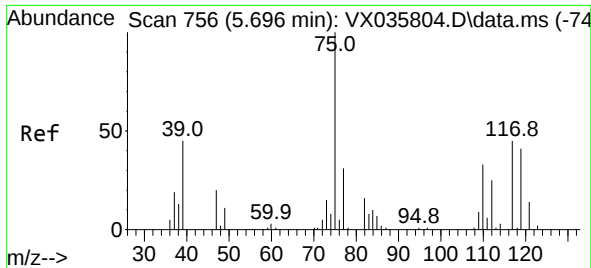
05/25/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion:114 Resp: 198171
Ion Ratio Lower Upper
114 100
63 21.9 18.0 27.0
88 16.4 13.3 19.9





#29

1,1-Dichloropropene

Concen: 18.815 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75	Resp: 5192
Ion Ratio	Lower Upper
75 100	
110 35.2	0.0 71.4
77 30.4	0.0 61.6

Manual Integrations

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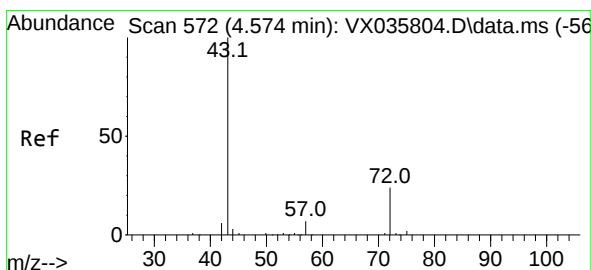
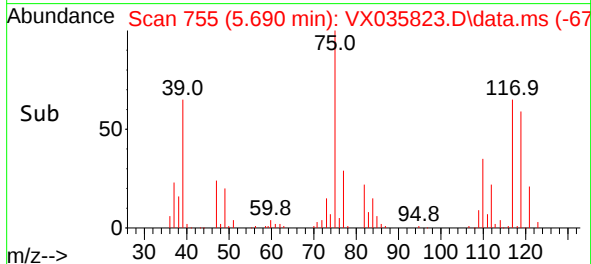
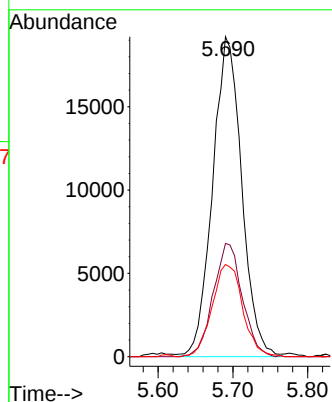
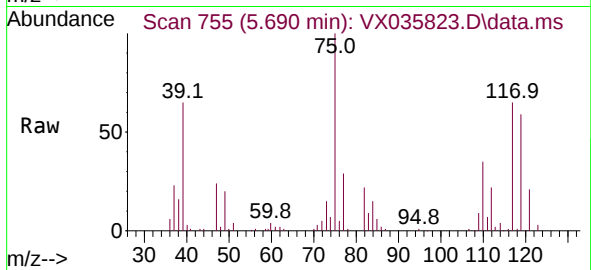
Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023

05/25/2023

Supervised By :Mahesh
Dadoda

05/25/2023



#30

2-Butanone

Concen: 108.129 ug/l

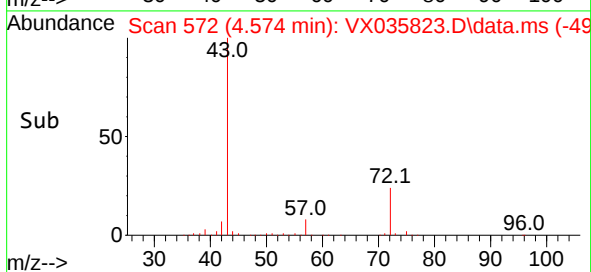
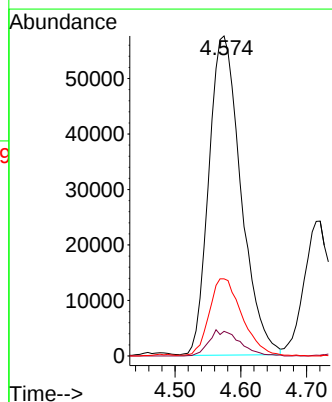
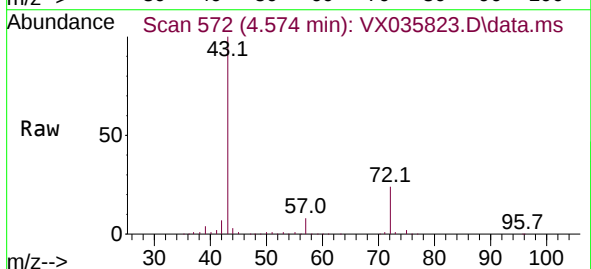
RT: 4.574 min Scan# 572

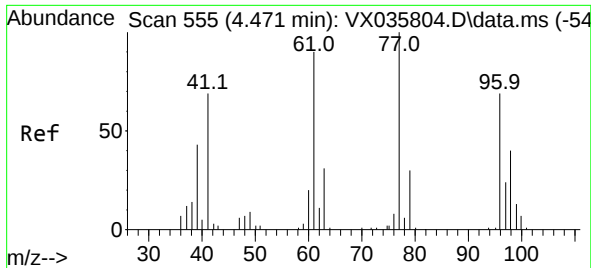
Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Tgt Ion: 43	Resp: 195333
Ion Ratio	Lower Upper
43 100	
57 3.2	6.3 9.5
72 24.8	19.6 29.4





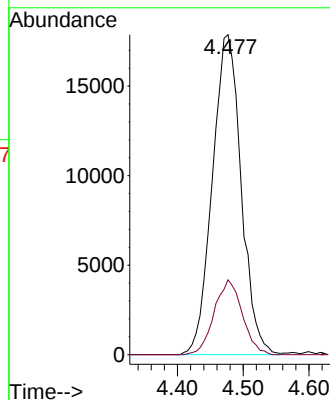
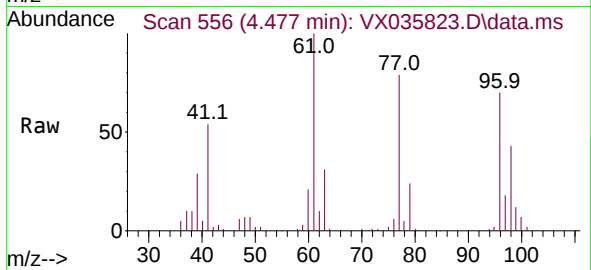
#31
2,2-Dichloropropane
Concen: 18.390 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 54524
Ion Ratio Lower Upper
77 100
97 22.7 18.2 27.4

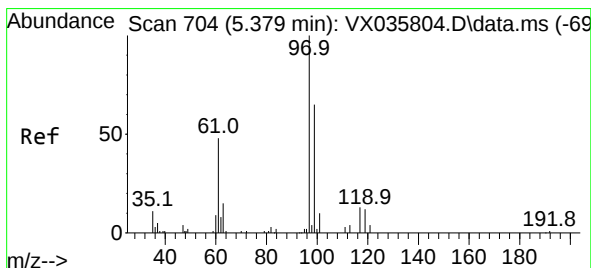
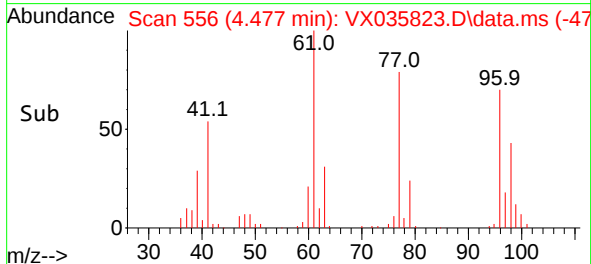
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



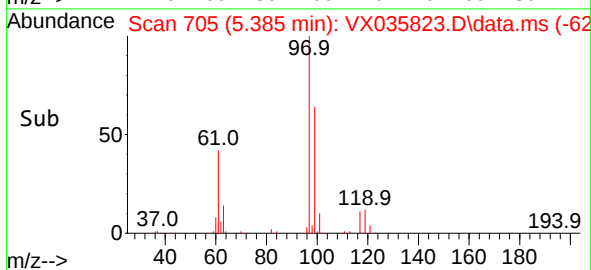
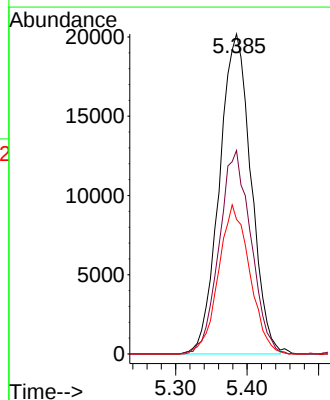
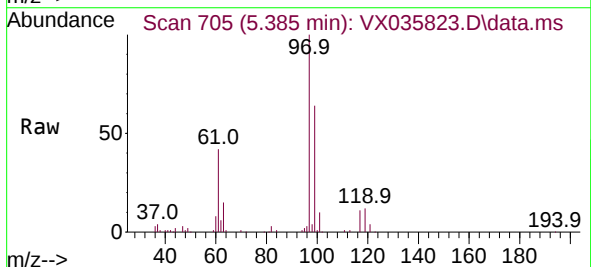
05/25/2023
Supervised By :Mahesh
Dadoda

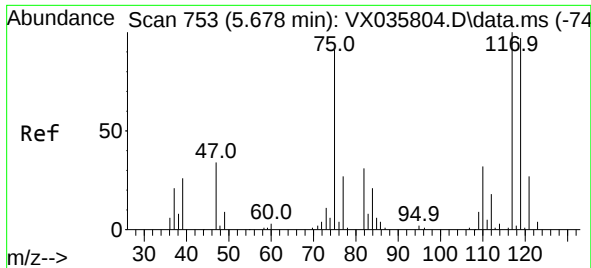
05/25/2023



#32
1,1,1-Trichloroethane
Concen: 19.237 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

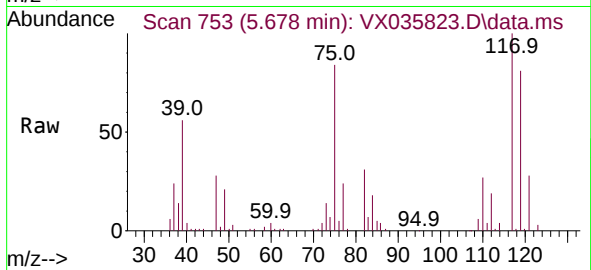
Tgt Ion: 97 Resp: 61994
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 45.9 36.6 55.0





#33
Carbon Tetrachloride
Concen: 18.004 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



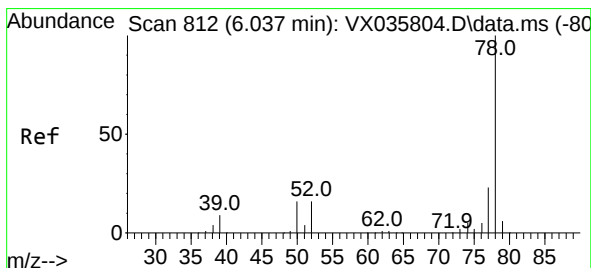
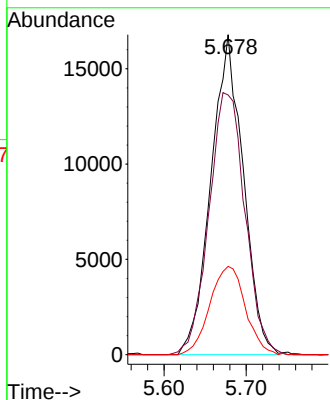
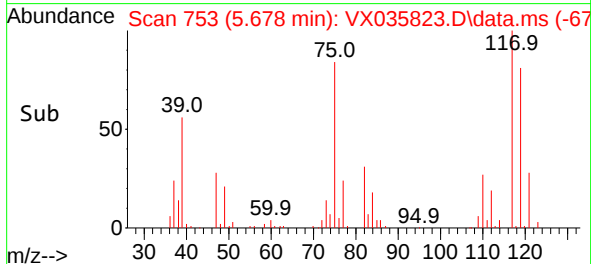
Tgt Ion: 117 Resp: 45814
Ion Ratio Lower Upper
117 100
119 80.2 73.3 109.9
121 27.6 24.0 36.0

Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

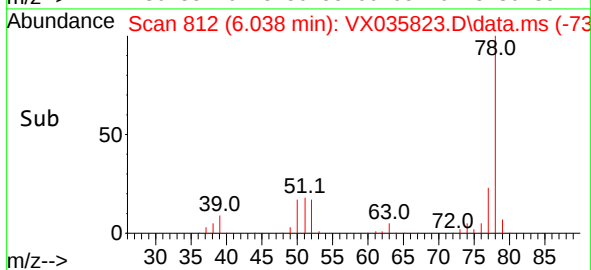
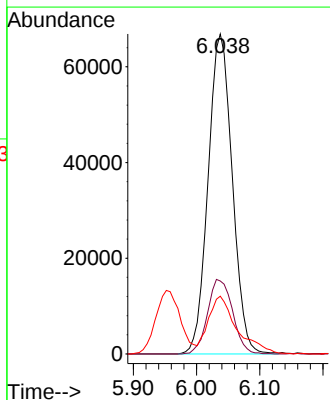
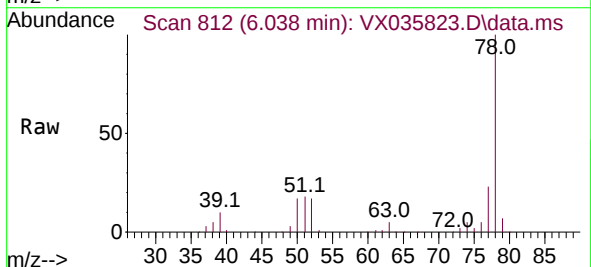
05/25/2023
Supervised By :Mahesh
Dadoda

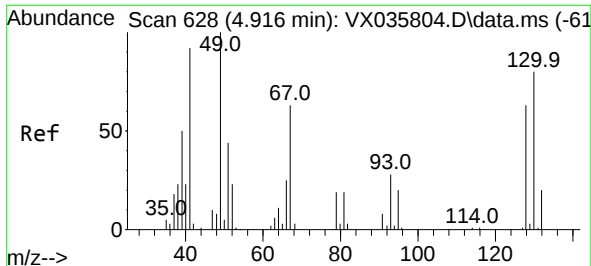
05/25/2023



#34
Benzene
Concen: 20.371 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

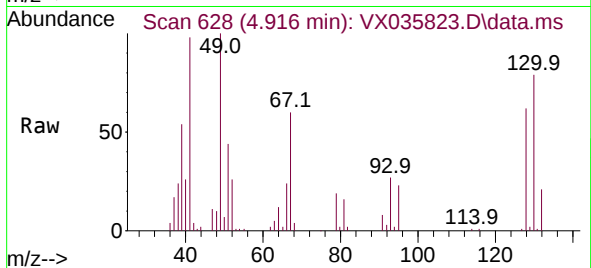
Tgt Ion: 78 Resp: 177347
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4
51 17.7 14.6 21.8





#35
Methacrylonitrile
Concen: 21.282 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



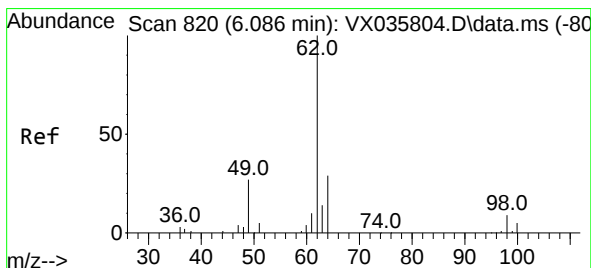
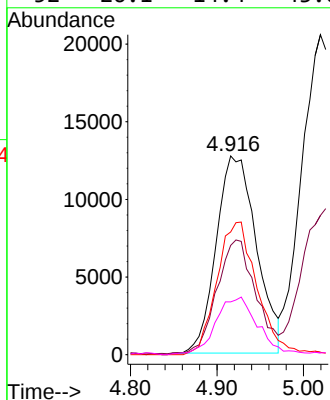
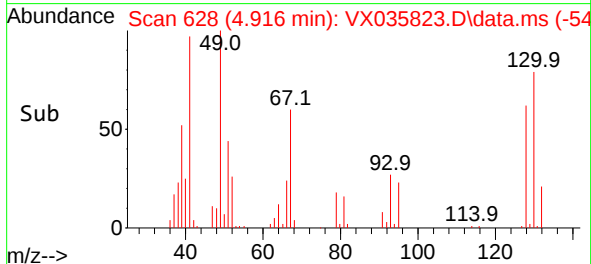
Tgt Ion:	41	Resp:	41024
Ion	Ratio	Lower	Upper
41	100		
39	54.4	28.0	84.0
67	62.3	31.6	94.7
52	26.1	14.4	43.0

Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

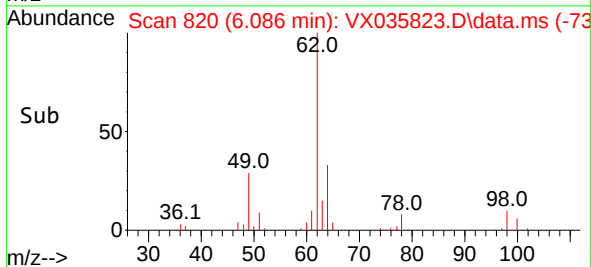
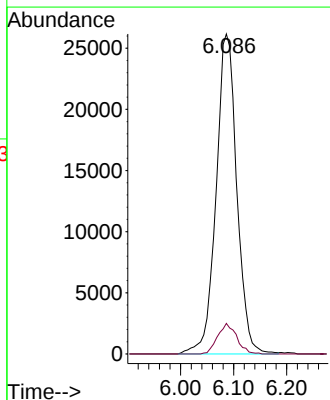
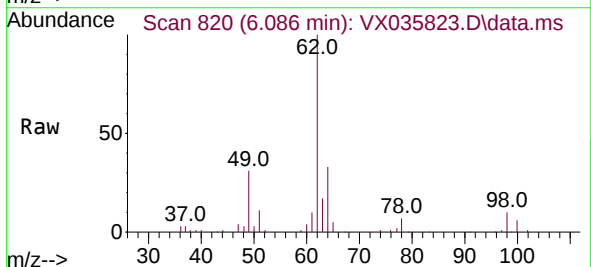
05/25/2023
Supervised By :Mahesh
Dadoda

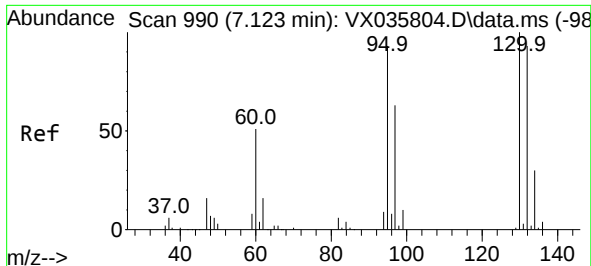
05/25/2023



#36
1,2-Dichloroethane
Concen: 20.924 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

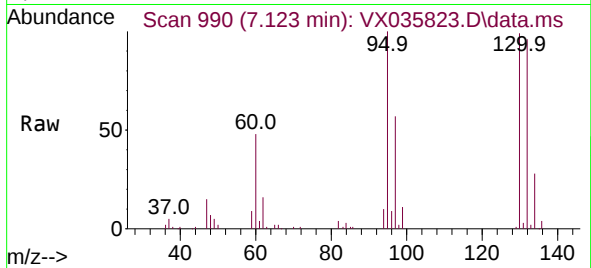
Tgt Ion:	62	Resp:	70891
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.0	10.6





#37
Trichloroethene
Concen: 19.875 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

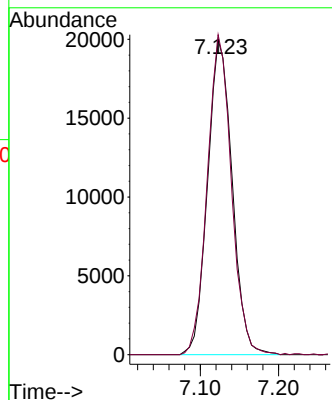
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 43492
Ion Ratio Lower Upper
130 100
95 101.5 77.8 116.6

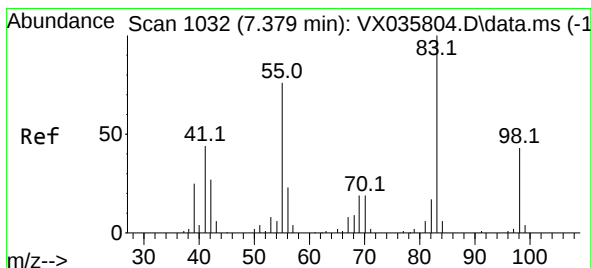
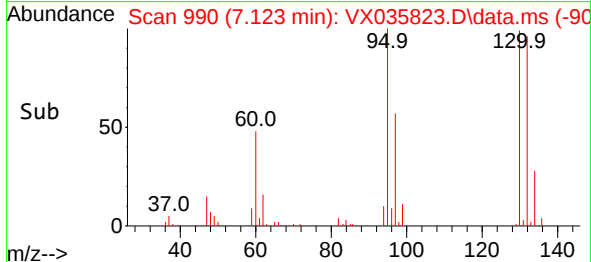
Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



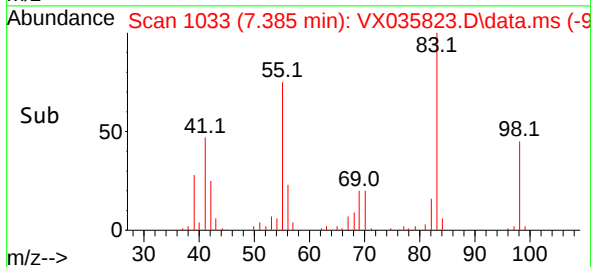
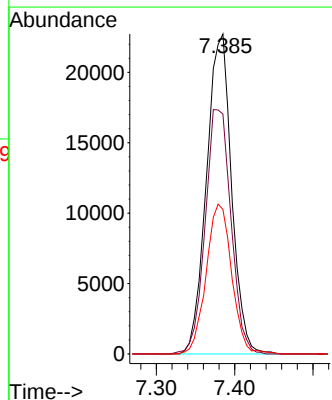
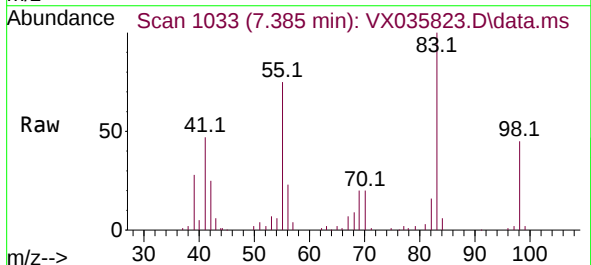
05/25/2023
Supervised By :Mahesh
Dadoda

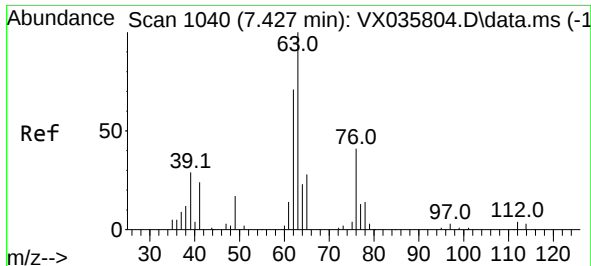
05/25/2023



#38
Methylcyclohexane
Concen: 16.722 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 83 Resp: 50606
Ion Ratio Lower Upper
83 100
55 78.6 38.8 116.4
98 47.1 23.8 71.2





#39

1,2-Dichloropropane

Concen: 20.622 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 4832

Ion Ratio Lower Upper

63 100

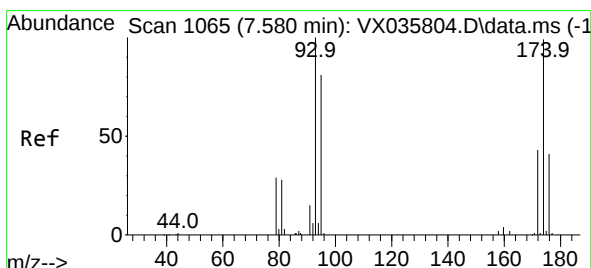
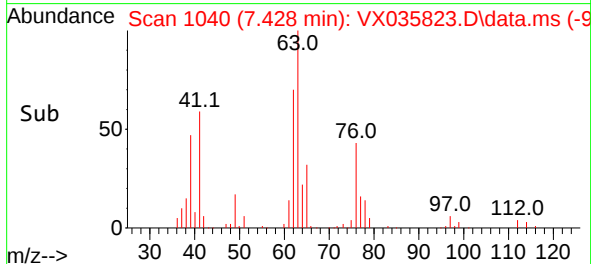
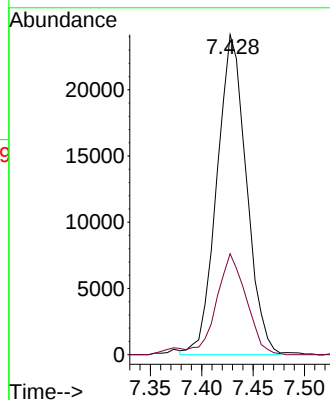
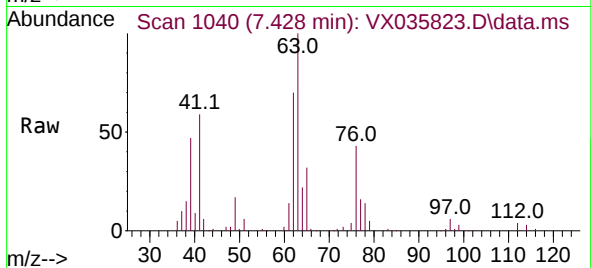
65 31.4 24.0 36.0

Manual Integrations

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Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Dibromomethane

Concen: 20.464 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

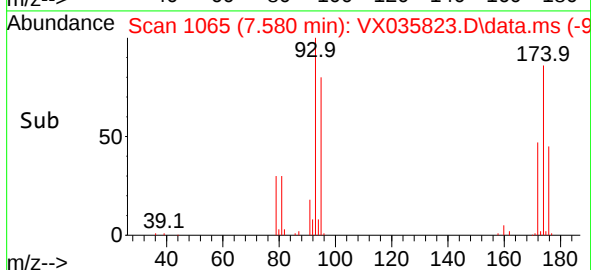
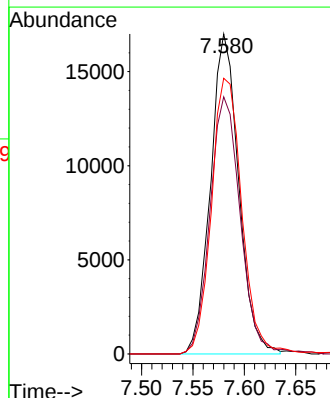
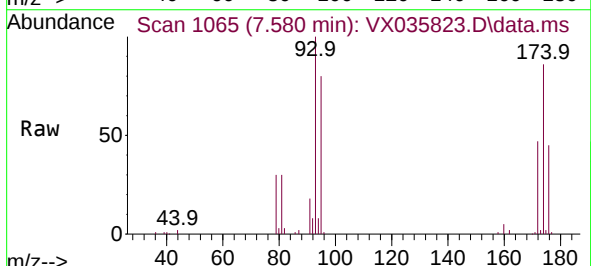
Tgt Ion: 93 Resp: 32432

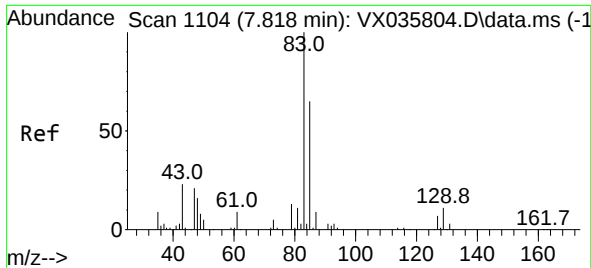
Ion Ratio Lower Upper

93 100

95 85.3 0.0 165.8

174 92.7 0.0 188.8





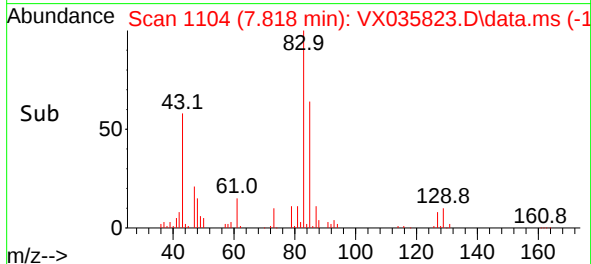
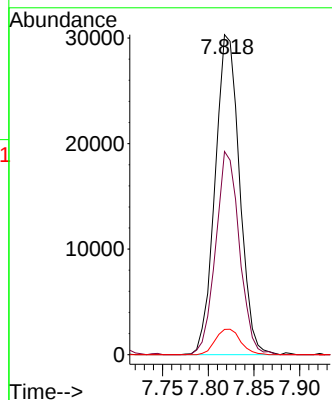
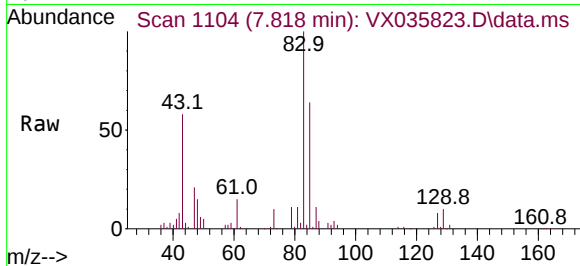
#41
Bromodichloromethane
Concen: 19.691 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5641
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 7.9 8.2 12.4

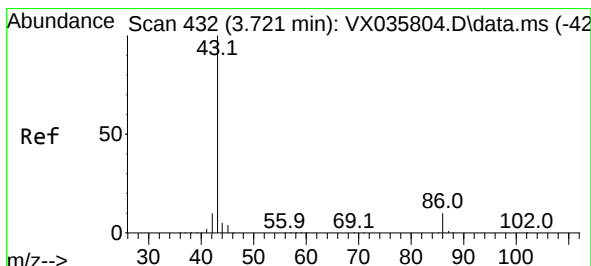
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



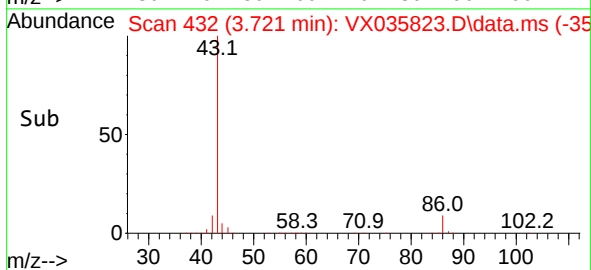
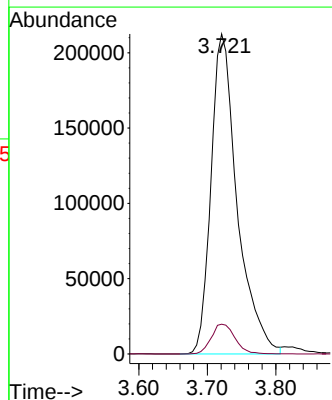
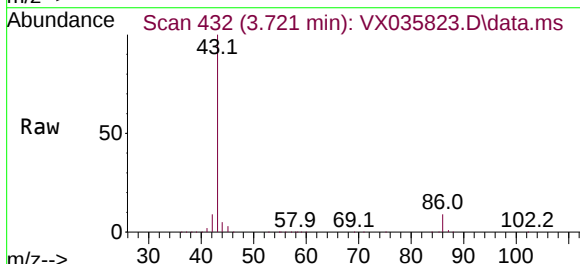
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Supervised By :Mahesh
Dadoda

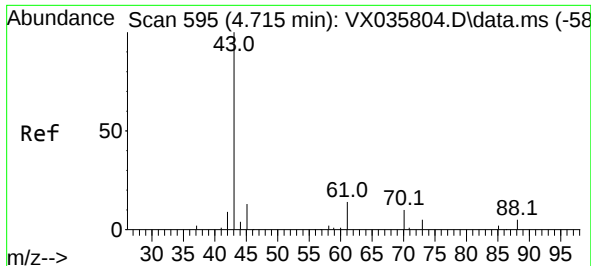
05/25/2023



#42
Vinyl Acetate
Concen: 106.488 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 43 Resp: 565054
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





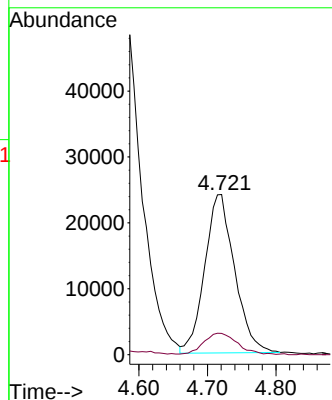
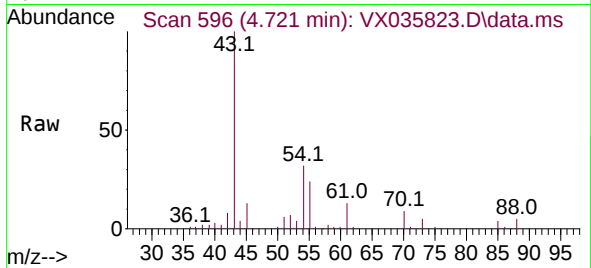
#43
Ethyl Acetate
Concen: 21.124 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 72775
Ion Ratio Lower Upper
43 100
45 14.7 12.0 18.0

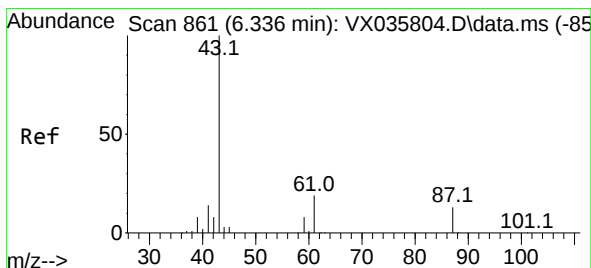
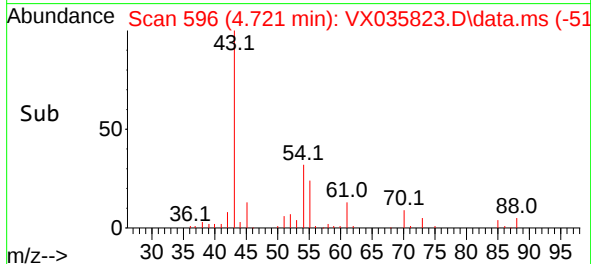
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



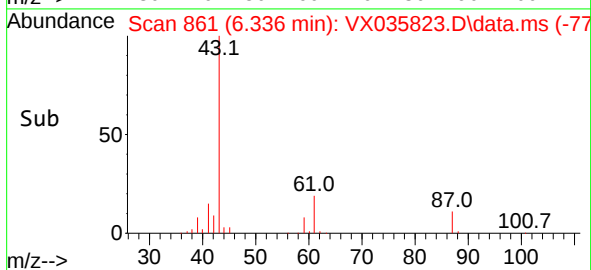
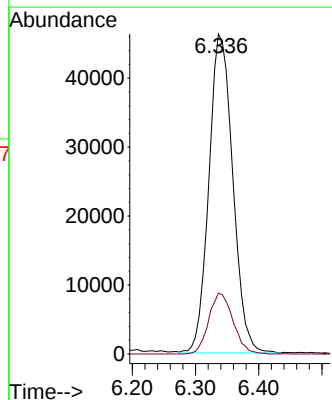
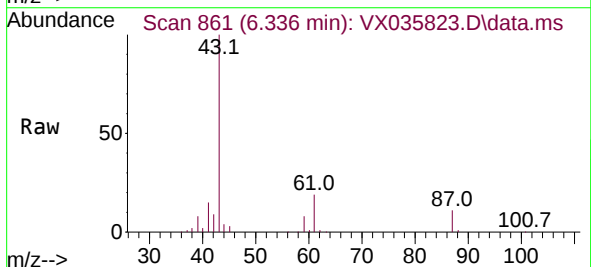
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Supervised By :Mahesh
Dadoda

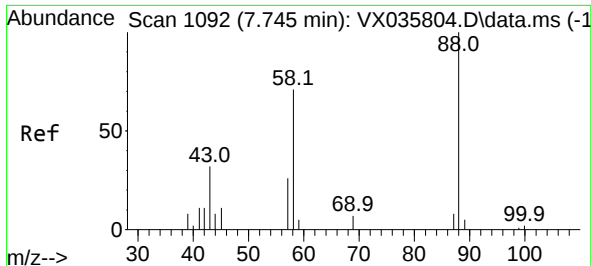
05/25/2023



#44
Isopropyl Acetate
Concen: 21.680 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 43 Resp: 121747
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0





#45
1,4-Dioxane
Concen: 425.977 ug/l m
RT: 7.738 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

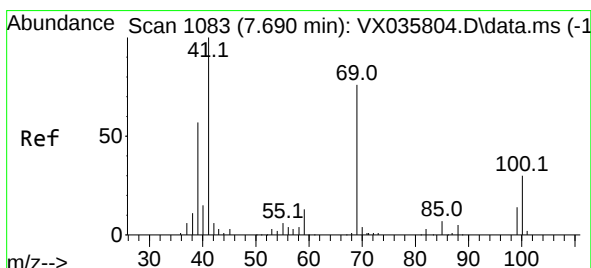
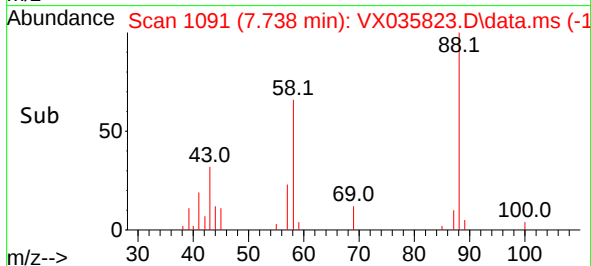
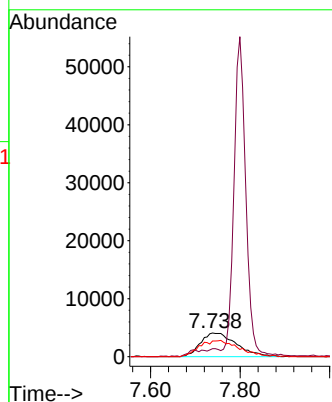
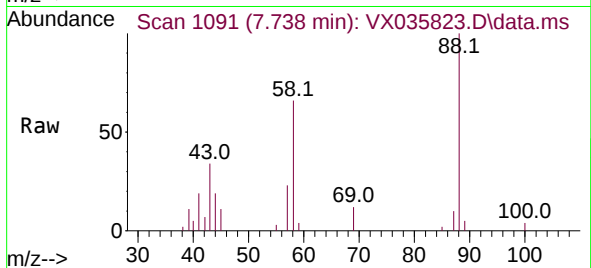
Tgt Ion: 88 Resp: 2272
Ion Ratio Lower Upper
88 100
43 8.5 26.5 39.7
58 0.0 55.6 83.4

Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

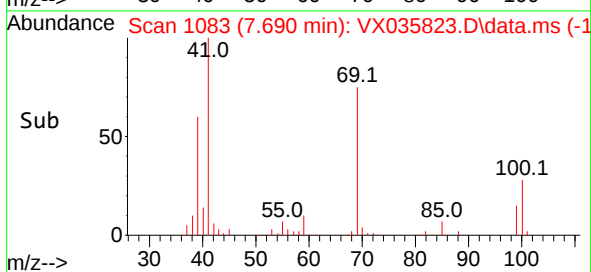
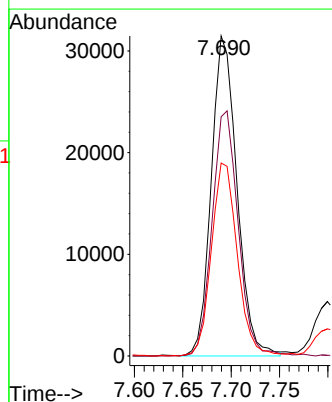
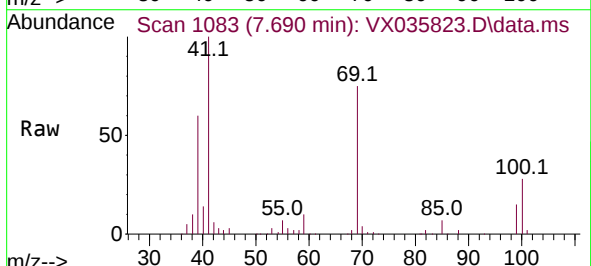
05/25/2023
Supervised By :Mahesh
Dadoda

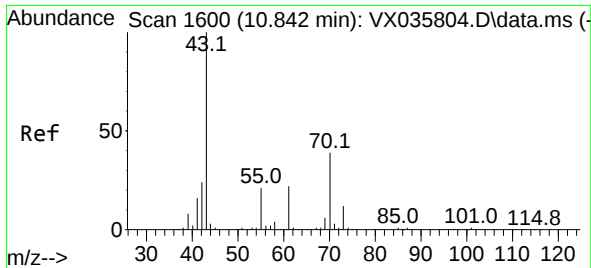
05/25/2023



#46
Methyl methacrylate
Concen: 21.377 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 41 Resp: 58004
Ion Ratio Lower Upper
41 100
69 74.6 38.1 114.5
39 60.3 31.4 94.3





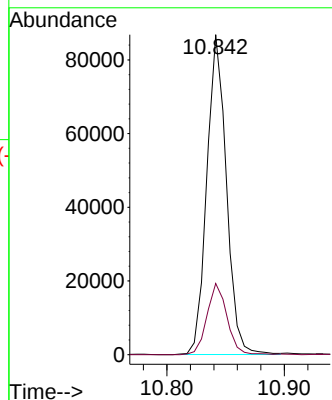
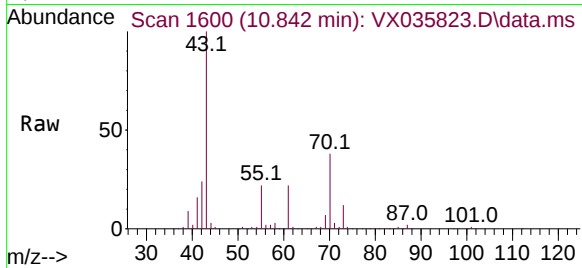
#47
n-amyl acetate
Concen: 21.288 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 100410
Ion Ratio Lower Upper
43 100
55 22.5 18.6 28.0

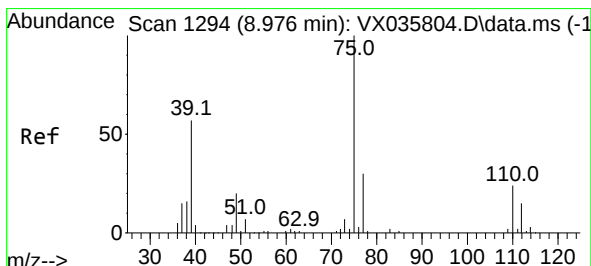
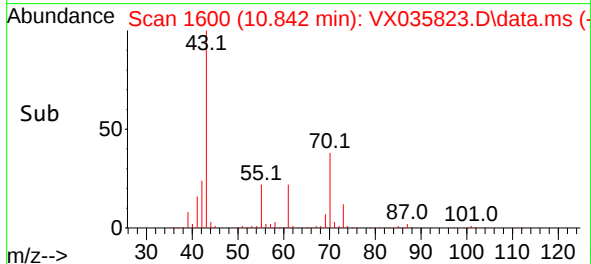
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



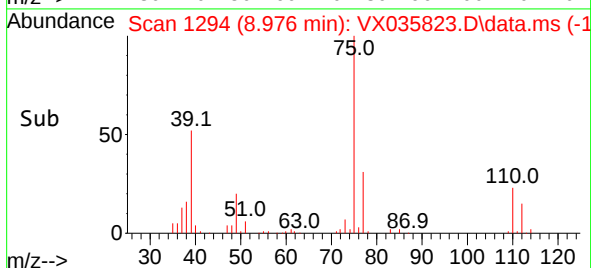
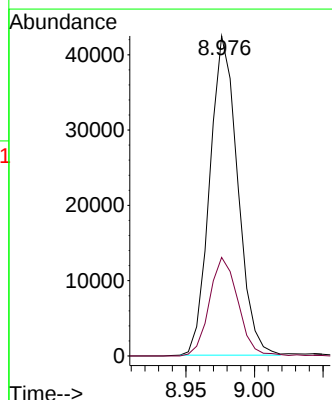
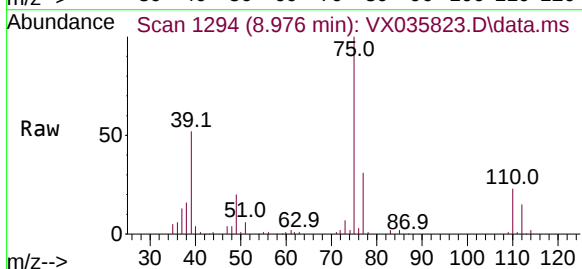
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Supervised By :Mahesh
Dadoda

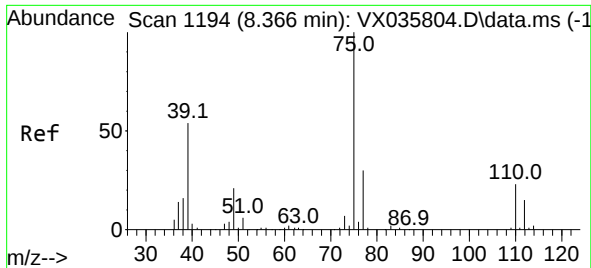
05/25/2023



#48
t-1,3-Dichloropropene
Concen: 18.931 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 75 Resp: 60004
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.462 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDC020EC

Tgt Ion: 75 Resp: 68078

Ion	Ratio	Lower	Upper
75	100		
77	29.1	24.6	37.0
39	55.1	44.2	66.2

Manual Integrations

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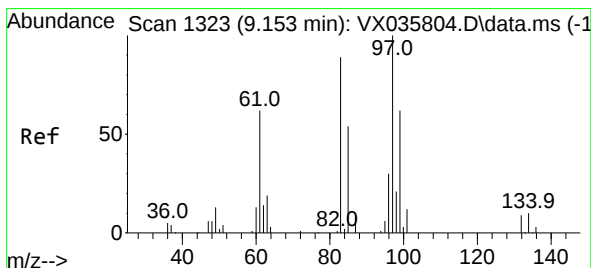
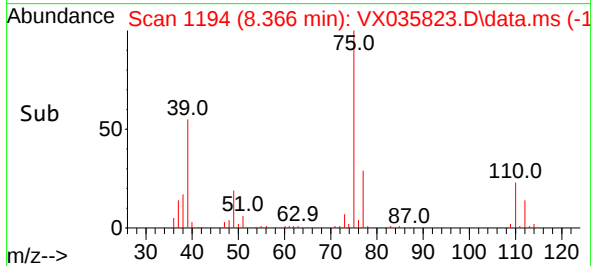
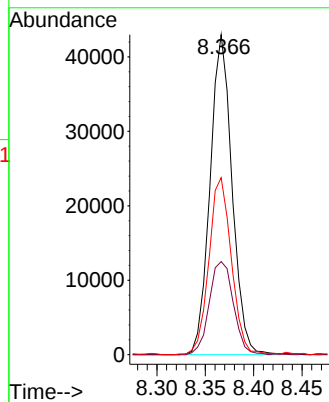
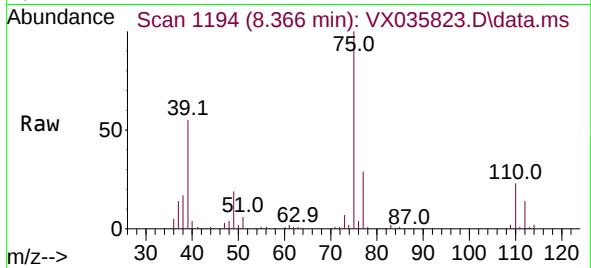
Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023

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Supervised By :Mahesh
Dadoda

05/25/2023



#50

1,1,2-Trichloroethane

Concen: 20.865 ug/l

RT: 9.153 min Scan# 1323

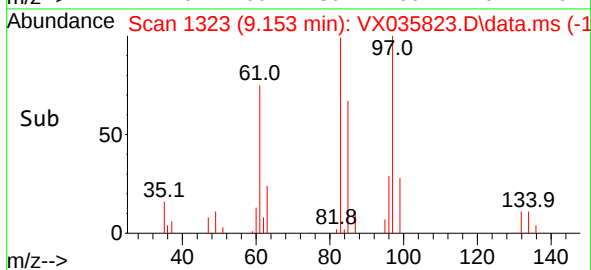
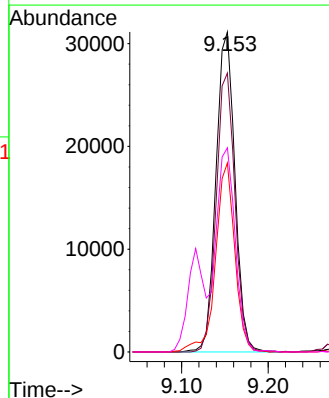
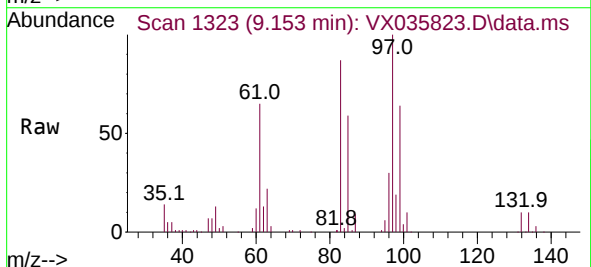
Delta R.T. 0.000 min

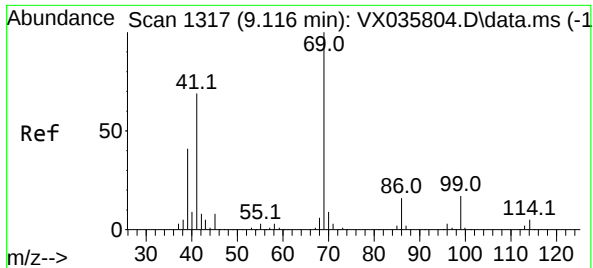
Lab File: VX035823.D

Acq: 23 May 2023 18:49

Tgt Ion: 97 Resp: 47310

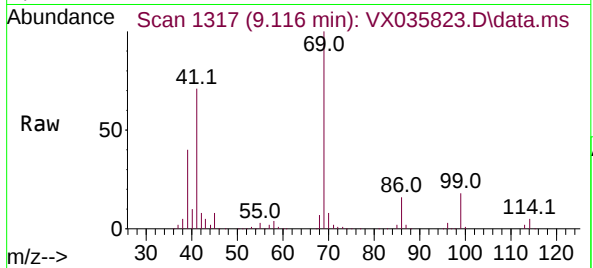
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.9	103.3
85	59.0	44.0	66.0
99	63.8	49.0	73.4





#51
Ethyl methacrylate
Concen: 21.367 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



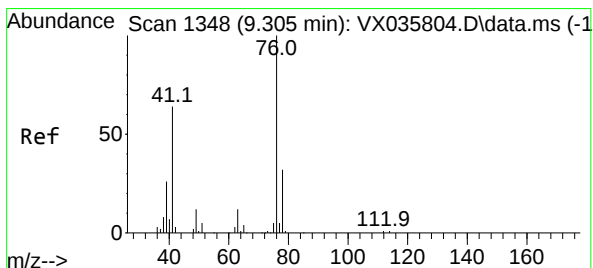
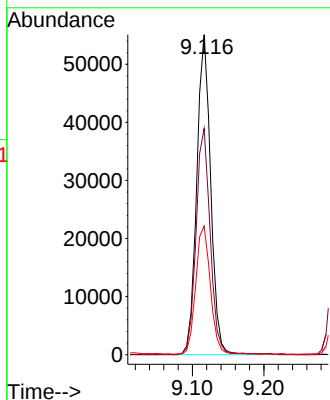
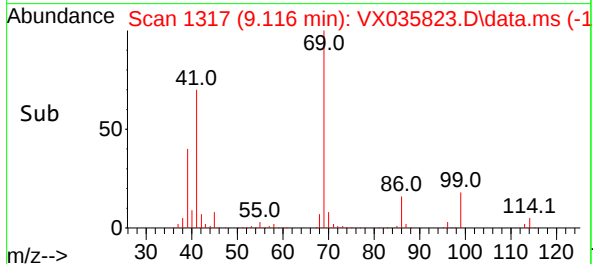
Tgt Ion: 69 Resp: 74684
Ion Ratio Lower Upper
69 100
41 70.5 36.2 108.6
39 40.0 21.2 63.6

Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

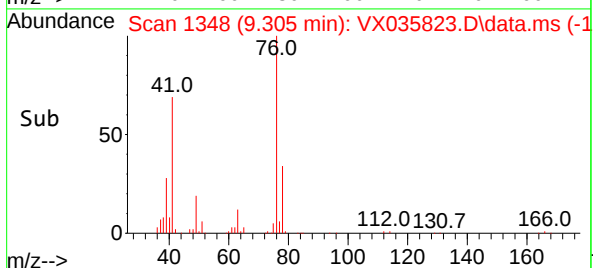
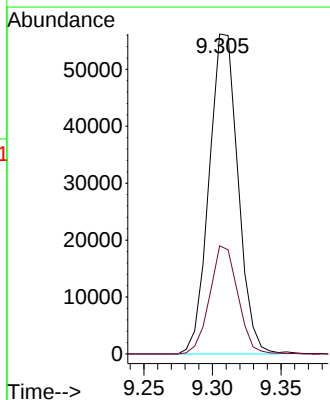
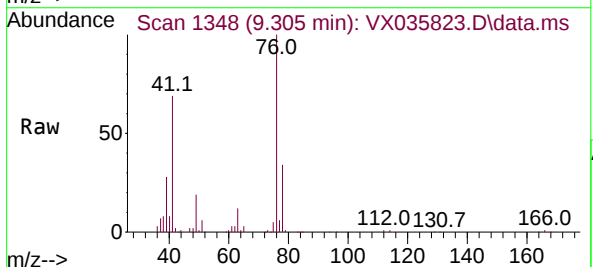
05/25/2023
Supervised By :Mahesh
Dadoda

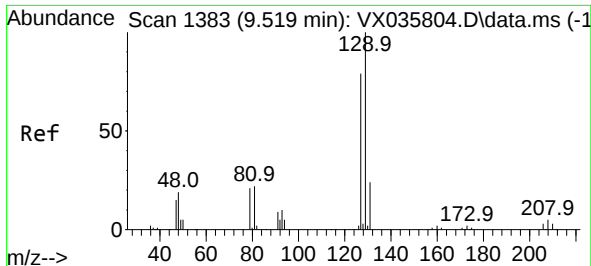
05/25/2023



#52
1,3-Dichloropropane
Concen: 20.911 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

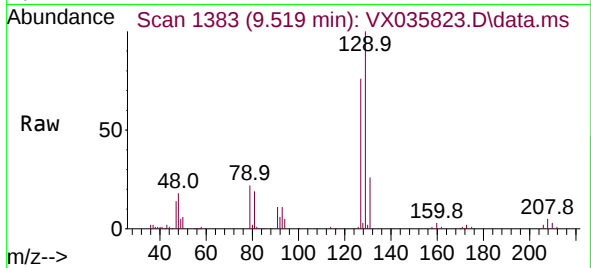
Tgt Ion: 76 Resp: 82628
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.8





#53
Dibromochloromethane
Concen: 18.609 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

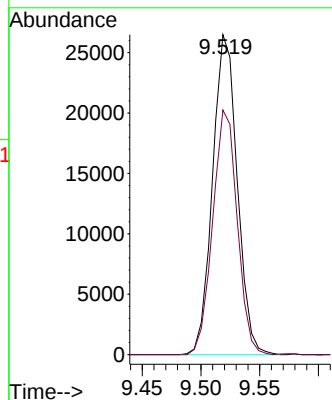
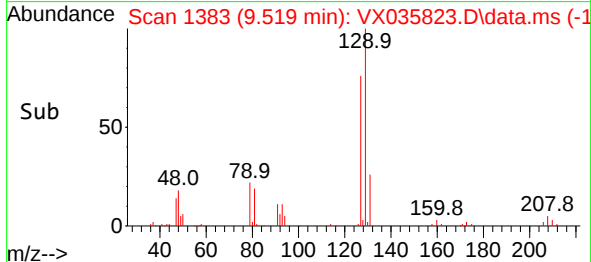
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 38690
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.5

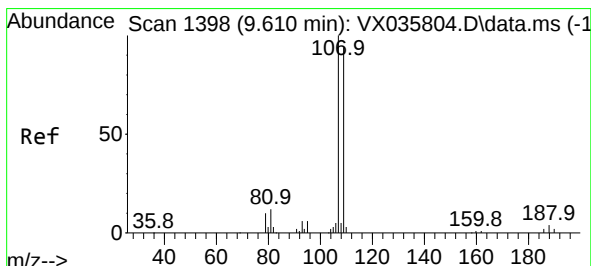
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

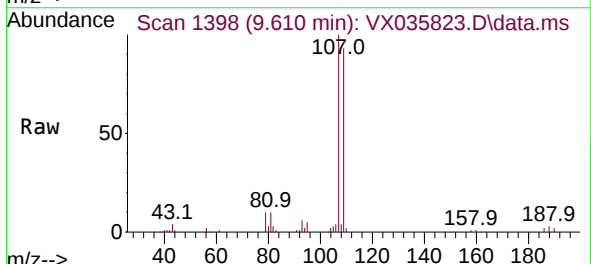


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Dadoda

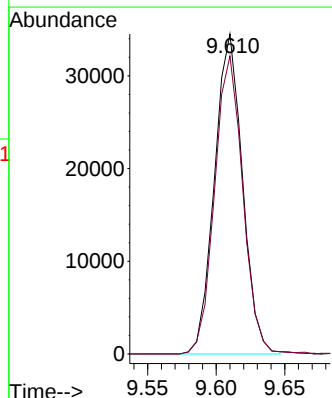
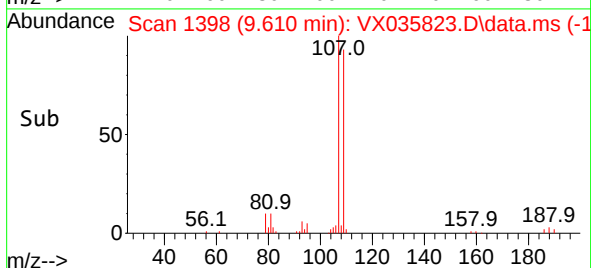
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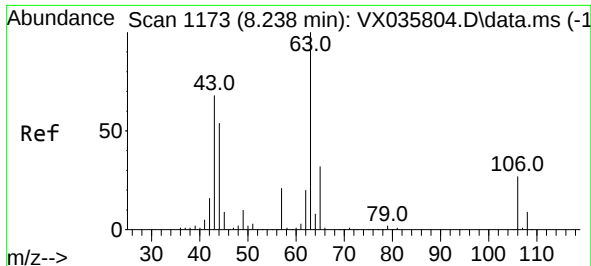


#54
1,2-Dibromoethane
Concen: 20.802 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49



Tgt Ion:107 Resp: 49003
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 116.973 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	63	Resp:	21696
Ion Ratio	Lower	Upper	
63	100		
65	32.7	25.4	38.2
106	27.4	21.6	32.4

Manual Integrations

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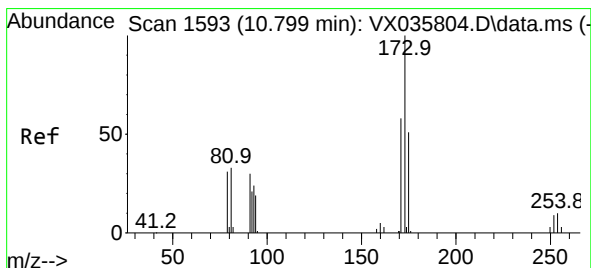
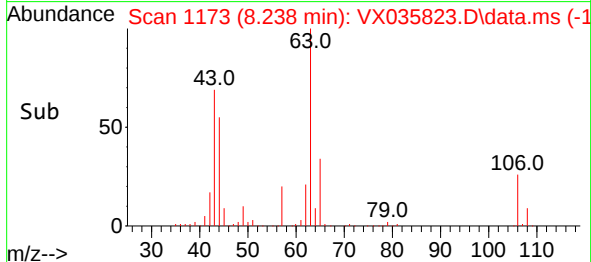
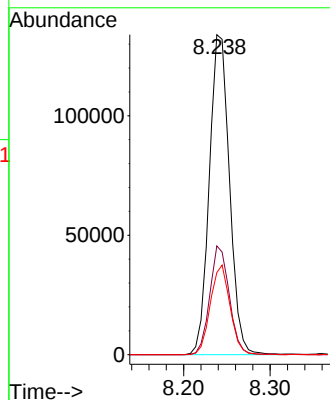
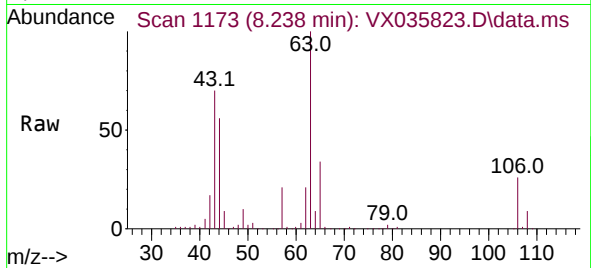
Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023

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Supervised By :Mahesh
Dadoda

05/25/2023



#56

Bromoform

Concen: 17.428 ug/l

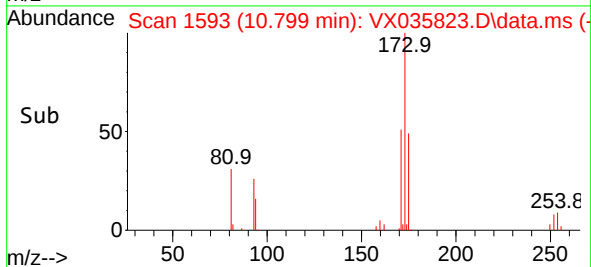
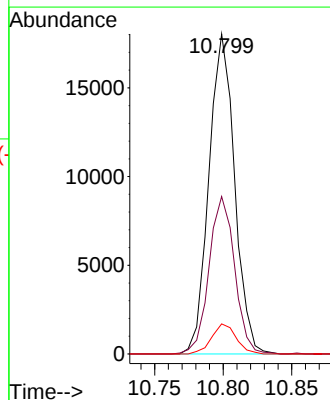
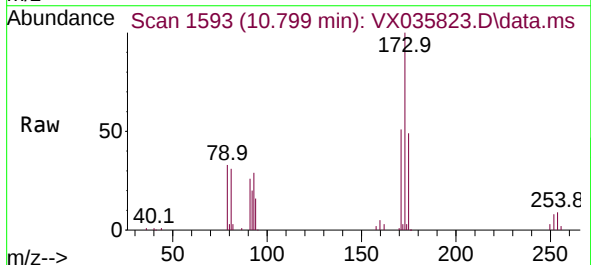
RT: 10.799 min Scan# 1593

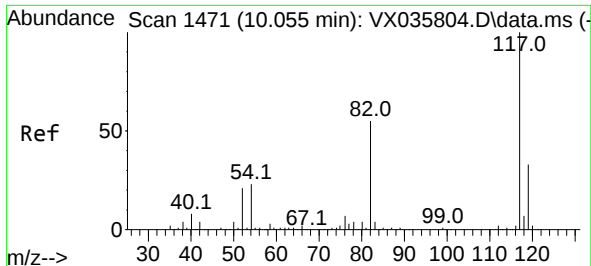
Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Tgt Ion:	173	Resp:	23493
Ion Ratio	Lower	Upper	
173	100		
175	49.1	37.0	55.4
254	9.0	6.7	10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 176639

Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.8	68.8
119	32.3	25.4	38.0

Manual Integrations

APPROVED

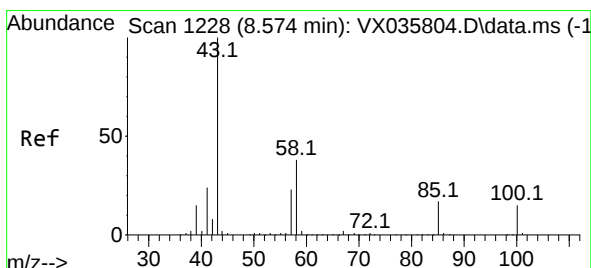
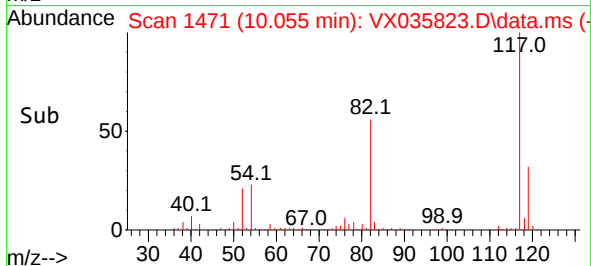
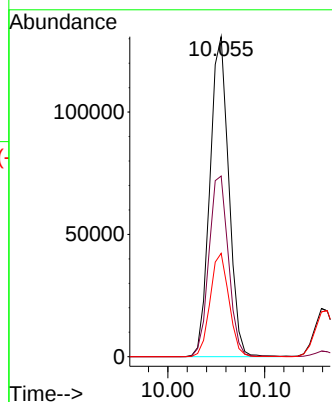
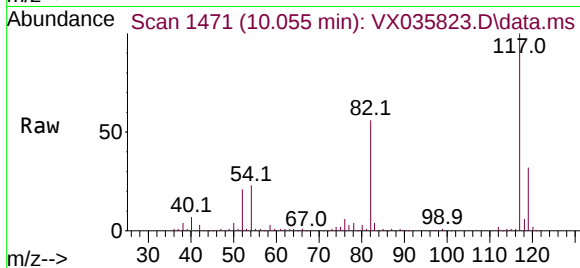
Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023

05/25/2023

Supervised By :Mahesh
Dadoda

05/25/2023



#58

4-Methyl-2-Pentanone

Concen: 111.405 ug/l

RT: 8.574 min Scan# 1228

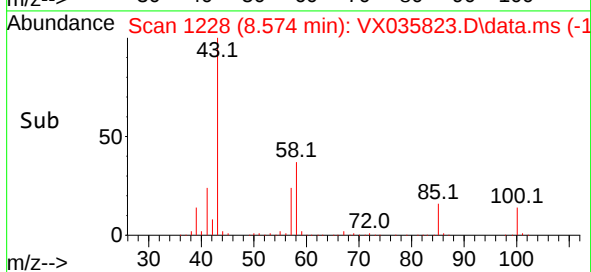
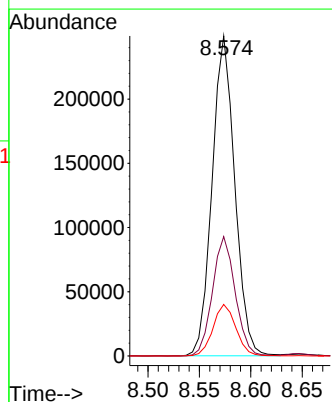
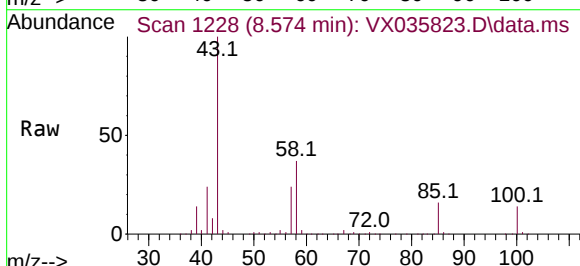
Delta R.T. 0.000 min

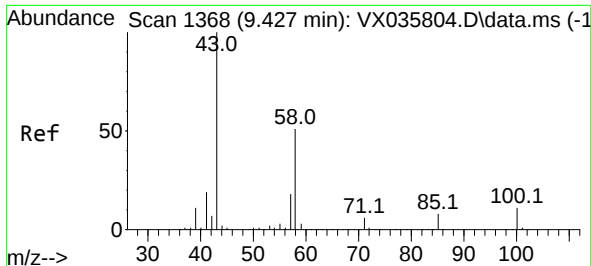
Lab File: VX035823.D

Acq: 23 May 2023 18:49

Tgt Ion: 43 Resp: 382227

Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.9	44.9
85	16.2	13.2	19.8





#59

2-Hexanone

Concen: 110.260 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 284652

Ion	Ratio	Lower	Upper
43	100		
58	51.6	41.7	62.5
57	17.9	14.7	22.1

Manual Integrations

APPROVED

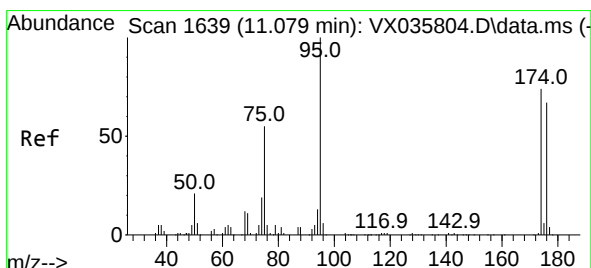
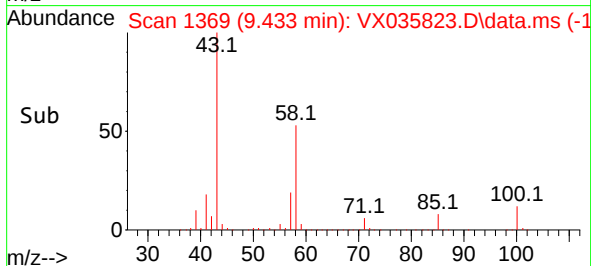
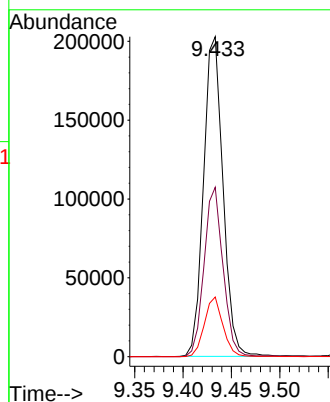
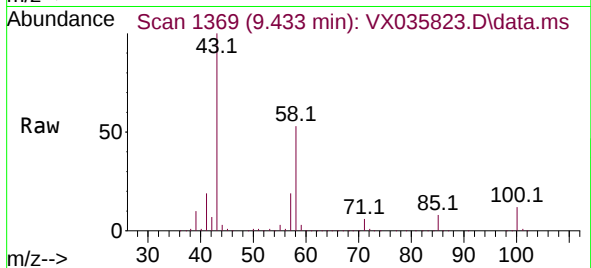
Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023

05/25/2023

Supervised By :Mahesh
Dadoda

05/25/2023



#60

4-Bromofluorobenzene

Concen: 29.862 ug/l

RT: 11.079 min Scan# 1639

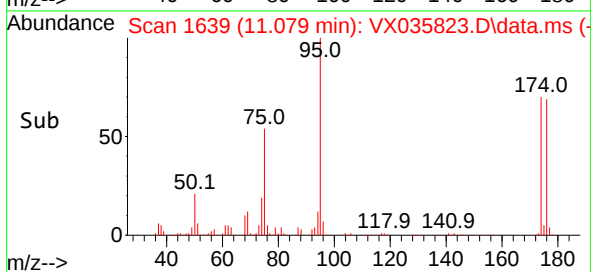
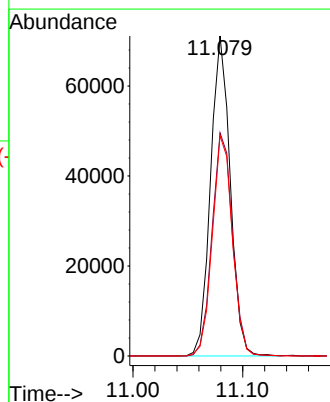
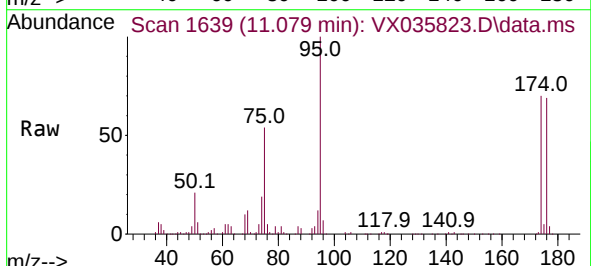
Delta R.T. 0.000 min

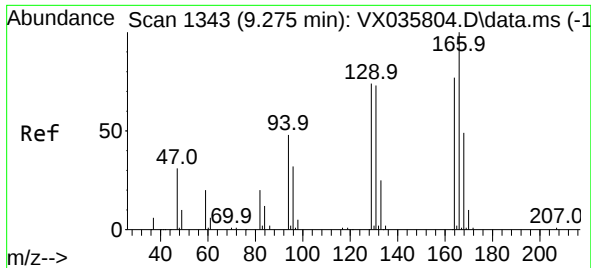
Lab File: VX035823.D

Acq: 23 May 2023 18:49

Tgt Ion: 95 Resp: 88510

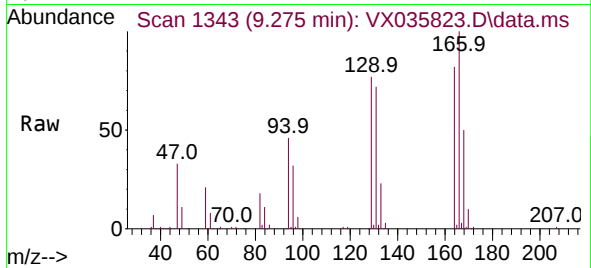
Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.2	0.4#
176	70.0	0.2	0.2#





#61
Tetrachloroethene
Concen: 20.801 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



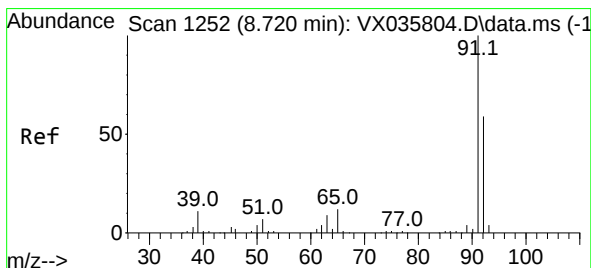
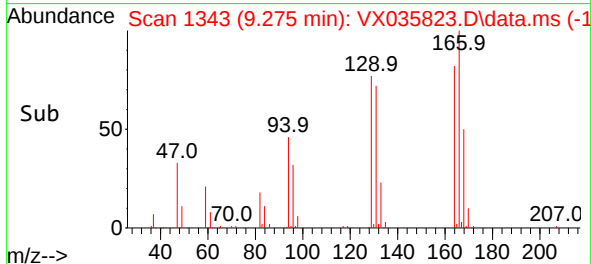
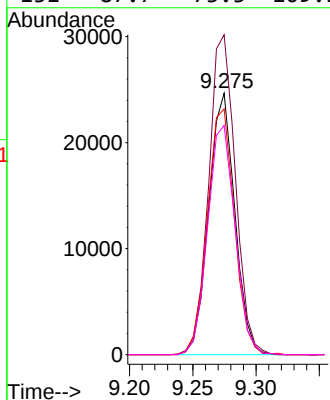
Tgt Ion:164 Resp: 35380
Ion Ratio Lower Upper
164 100
166 122.4 100.1 150.1
129 93.7 79.1 118.7
131 87.7 73.3 109.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

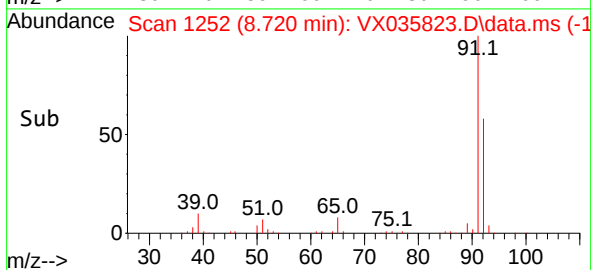
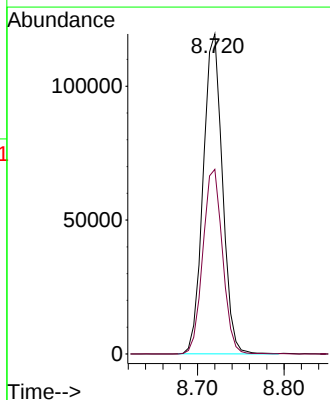
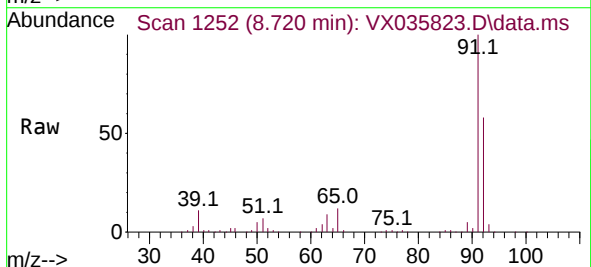
05/25/2023
Supervised By :Mahesh
Dadoda

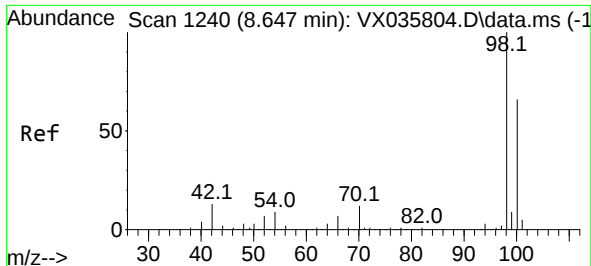
05/25/2023



#62
Toluene
Concen: 20.258 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

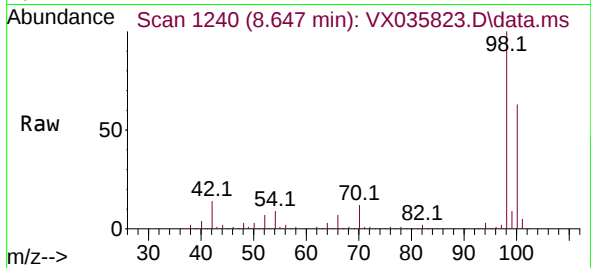
Tgt Ion: 91 Resp: 184274
Ion Ratio Lower Upper
91 100
92 58.9 46.5 69.7





#63
Toluene-d8
Concen: 30.463 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

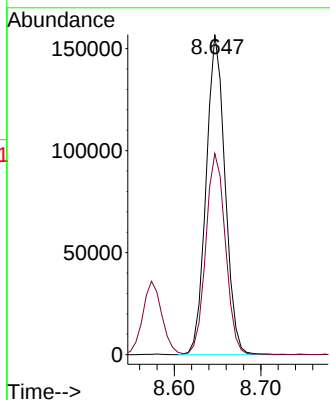
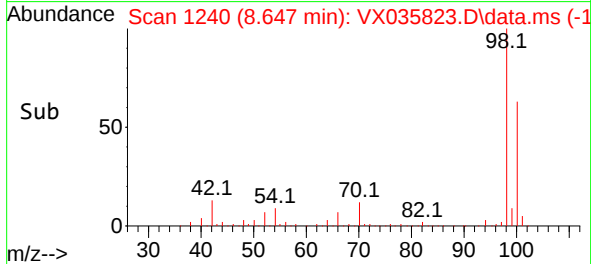
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 23788
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

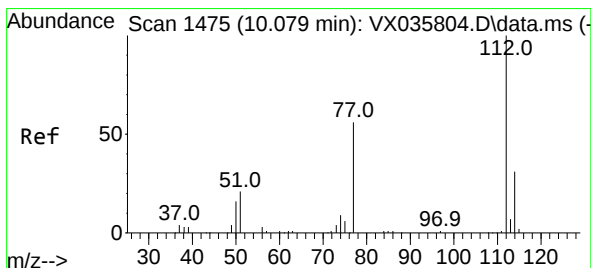
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



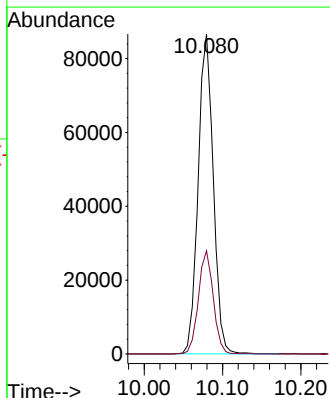
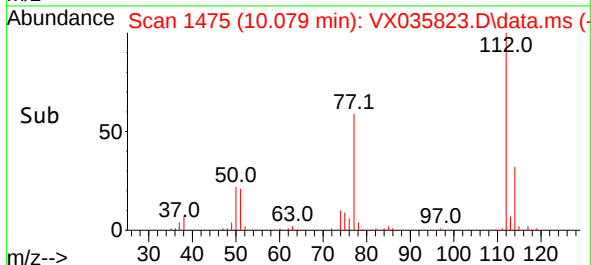
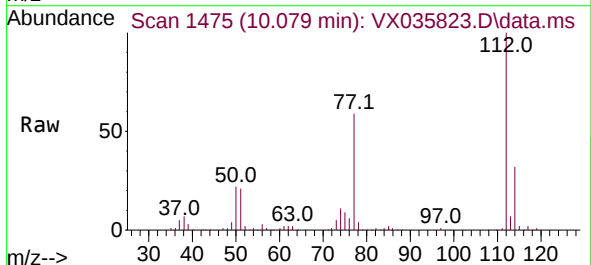
05/25/2023
Supervised By :Mahesh
Dadoda

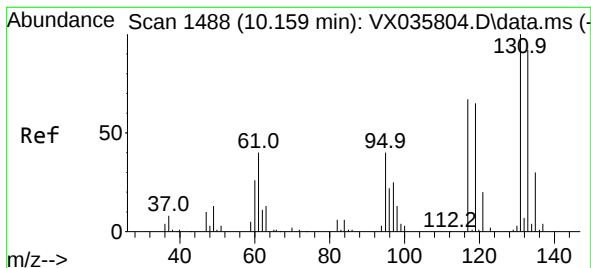
05/25/2023



#64
Chlorobenzene
Concen: 20.159 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion:112 Resp: 116138
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8





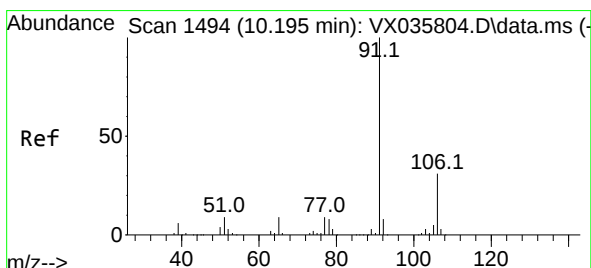
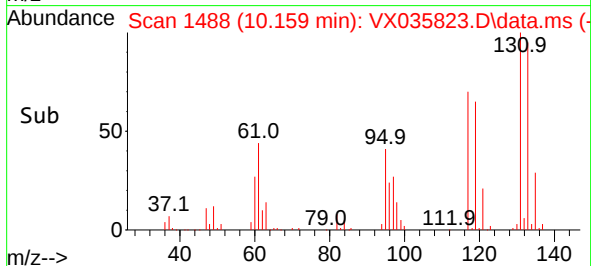
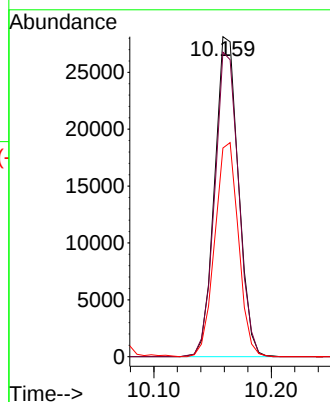
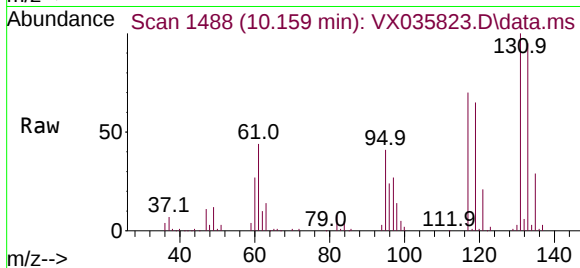
#65
1,1,1,2-Tetrachloroethane
Concen: 19.651 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 39578
Ion Ratio Lower Upper
131 100
133 95.7 0.0 186.6
119 66.5 0.0 128.6

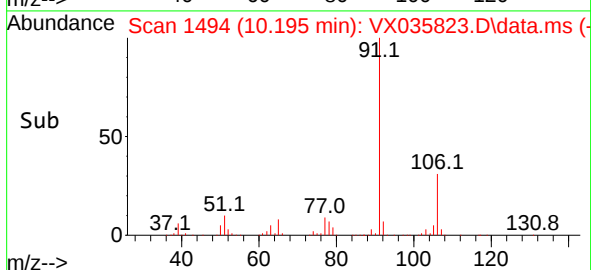
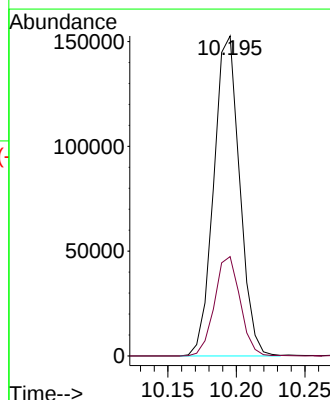
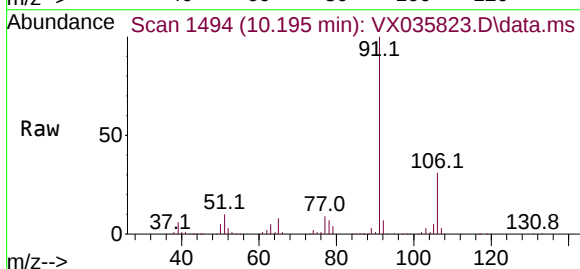
Manual Integrations
APPROVED

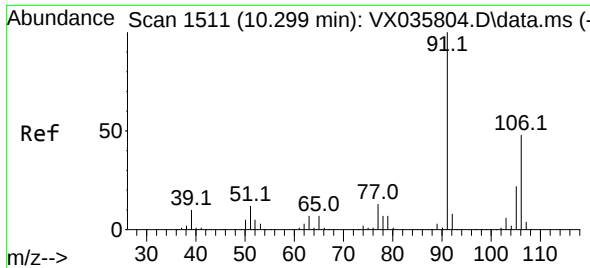
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
Ethyl Benzene
Concen: 19.746 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 91 Resp: 200886
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





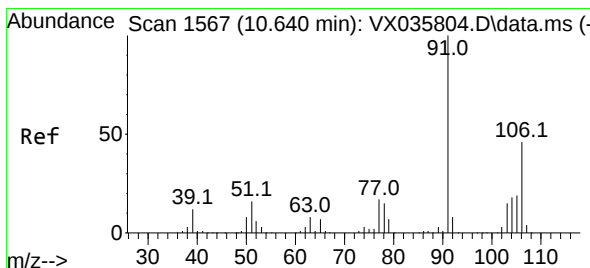
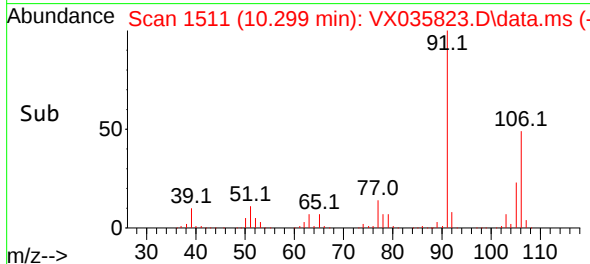
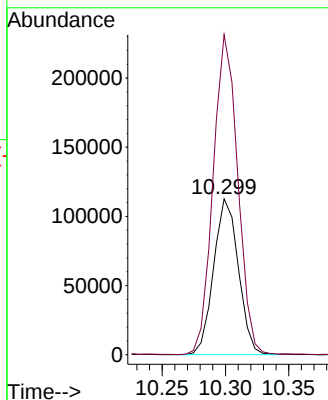
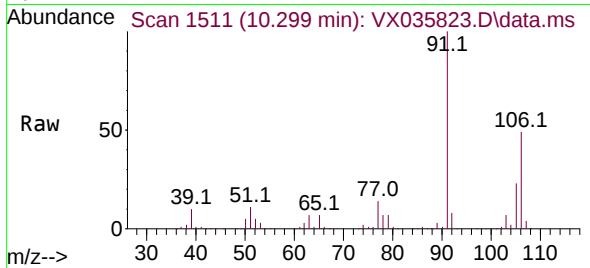
#67
m/p-Xylenes
Concen: 39.782 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 15318
Ion Ratio Lower Upper
106 100
91 204.5 167.4 251.2

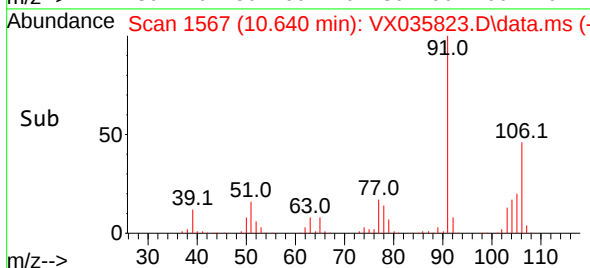
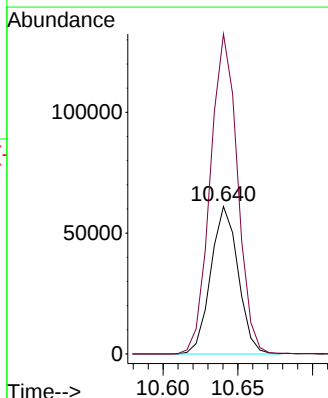
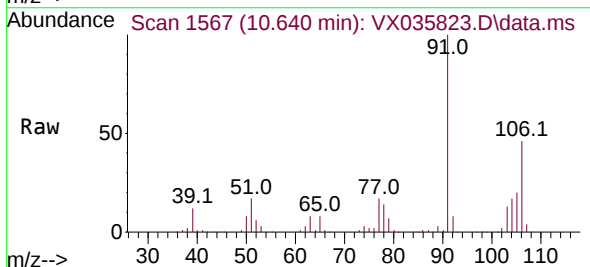
Manual Integrations
APPROVED

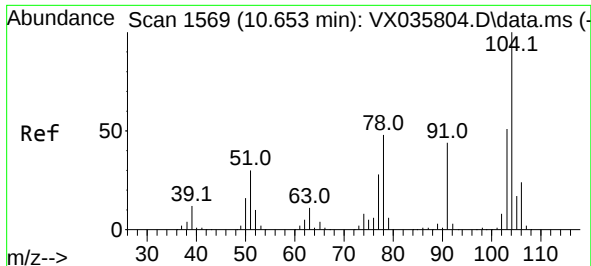
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#68
o-Xylene
Concen: 20.142 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

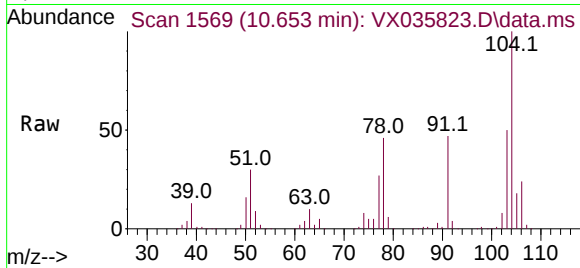
Tgt Ion:106 Resp: 77582
Ion Ratio Lower Upper
106 100
91 216.2 108.9 326.8





#69
Styrene
Concen: 20.148 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



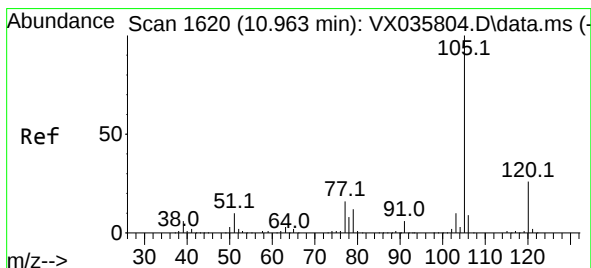
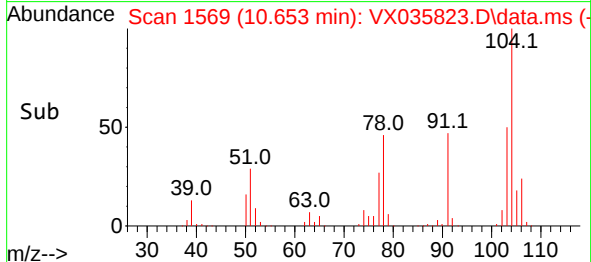
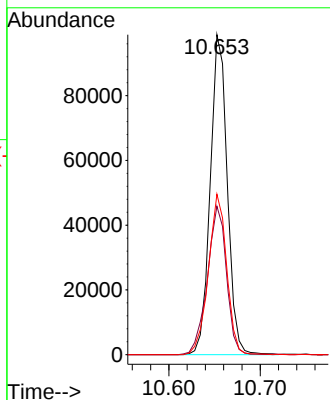
Tgt Ion:104 Resp: 128070
Ion Ratio Lower Upper
104 100
78 51.9 42.8 64.2
103 53.7 43.8 65.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

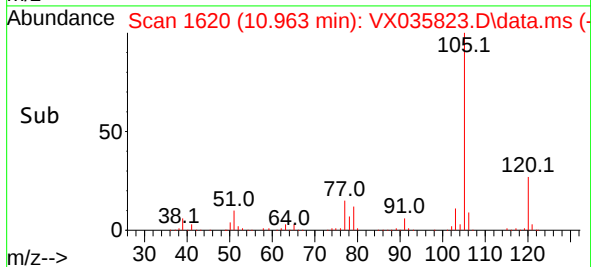
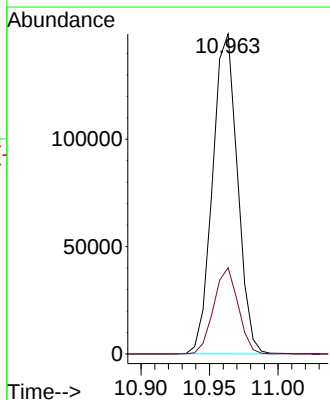
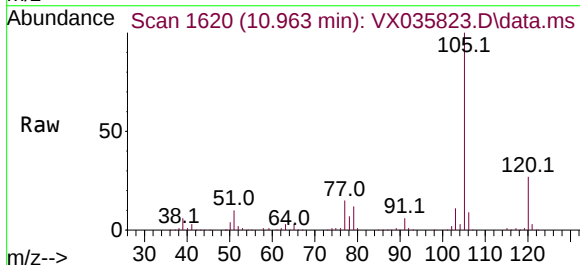
05/25/2023
Supervised By :Mahesh
Dadoda

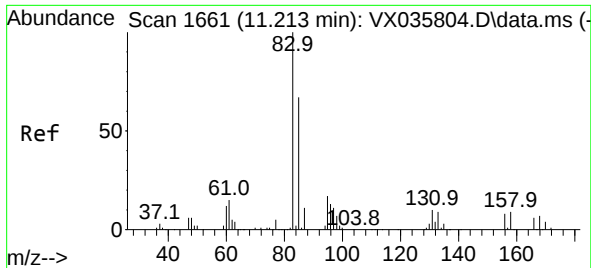
05/25/2023



#70
Isopropylbenzene
Concen: 19.161 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

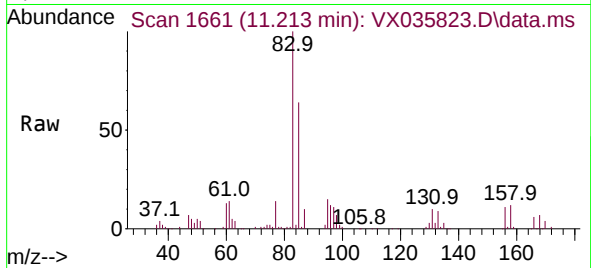
Tgt Ion:105 Resp: 188382
Ion Ratio Lower Upper
105 100
120 26.5 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 21.408 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



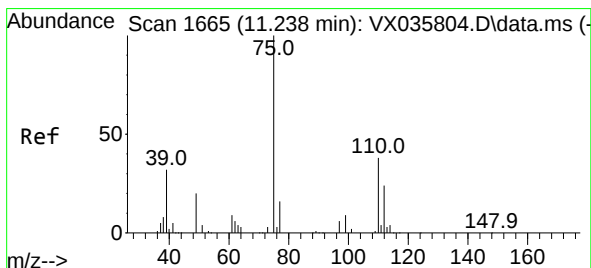
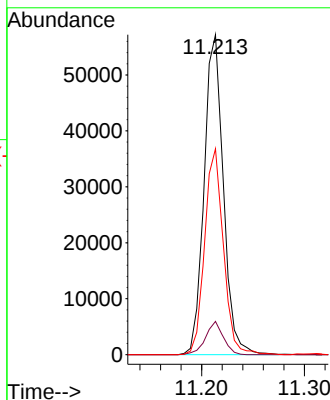
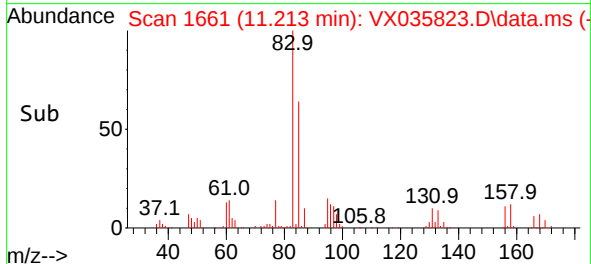
Tgt Ion: 83 Resp: 74549
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 62.8 31.9 95.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

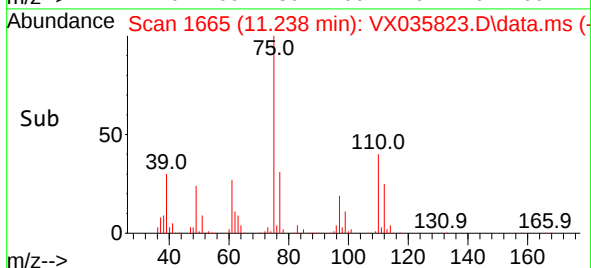
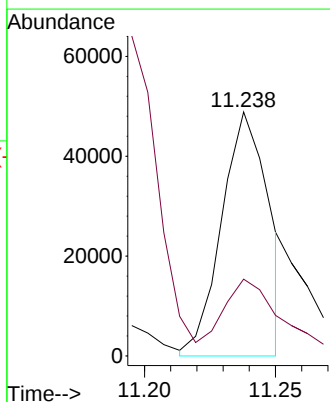
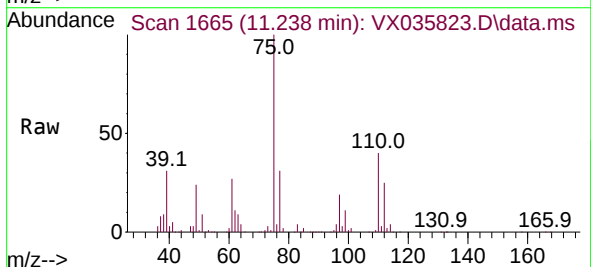
05/25/2023
Supervised By :Mahesh
Dadoda

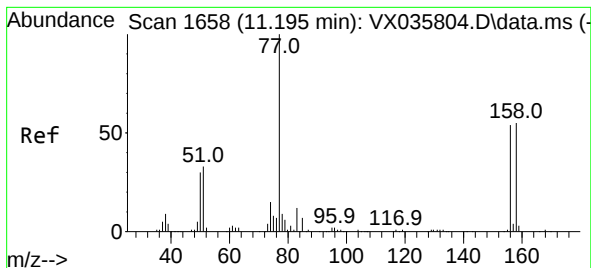
05/25/2023



#72
1,2,3-Trichloropropane
Concen: 20.144 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 75 Resp: 61094
Ion Ratio Lower Upper
75 100
77 40.0 0.0 73.8





#73

Bromobenzene

Concen: 19.722 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	156	Resp:	4710
Ion Ratio	Lower	Upper	
156	100		
77	175.6	0.0	330.8
158	98.7	0.0	193.4

Manual Integrations

APPROVED

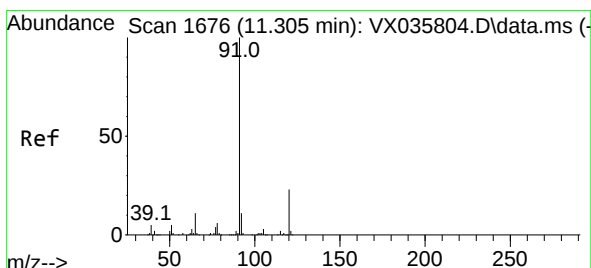
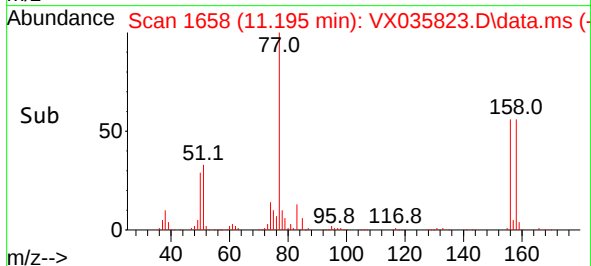
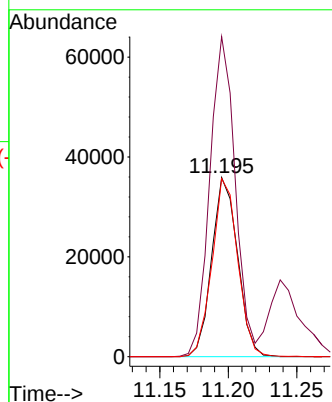
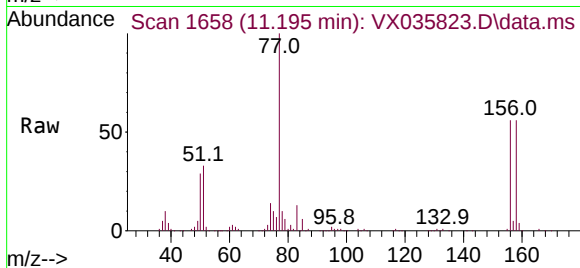
Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023

05/25/2023

Supervised By :Mahesh
Dadoda

05/25/2023



#74

n-propylbenzene

Concen: 18.618 ug/l

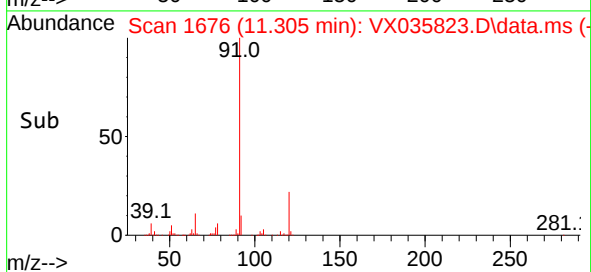
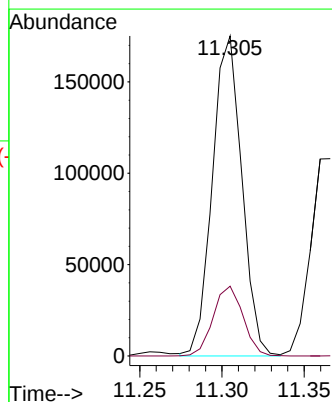
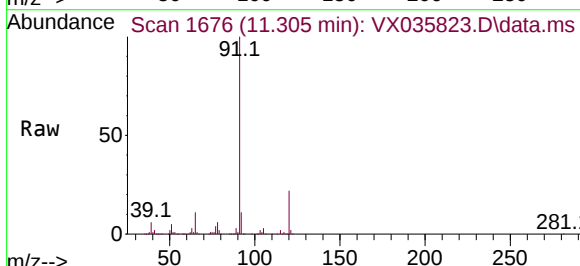
RT: 11.305 min Scan# 1676

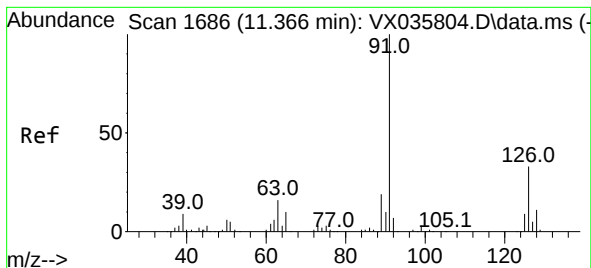
Delta R.T. 0.000 min

Lab File: VX035823.D

Acq: 23 May 2023 18:49

Tgt Ion:	91	Resp:	218176
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.8





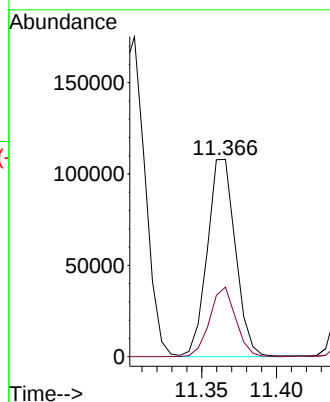
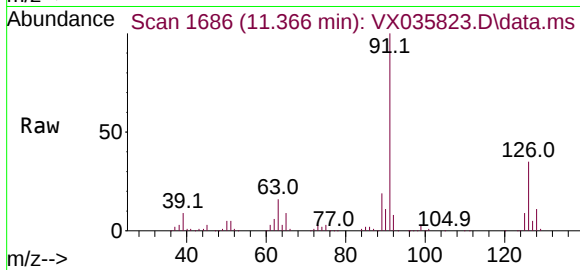
#75
2-Chlorotoluene
Concen: 19.691 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 14174
Ion Ratio Lower Upper
91 100
126 32.5 0.0 66.4

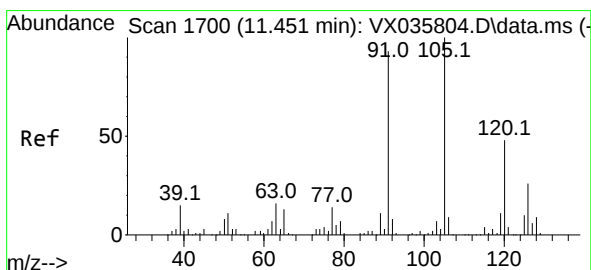
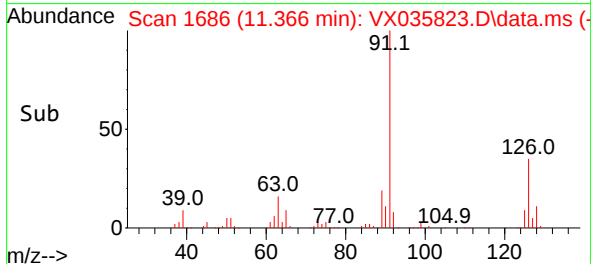
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



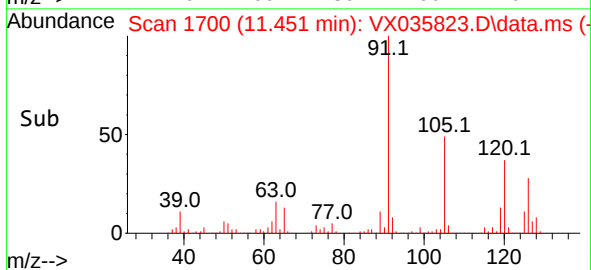
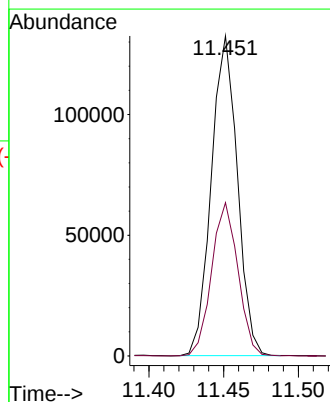
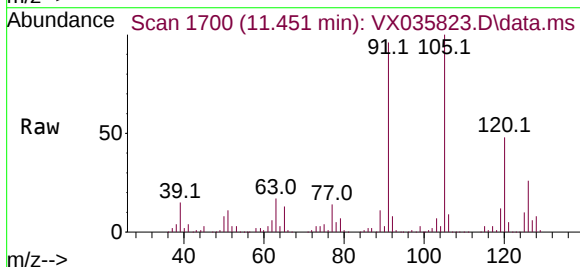
05/25/2023
Supervised By :Mahesh
Dadoda

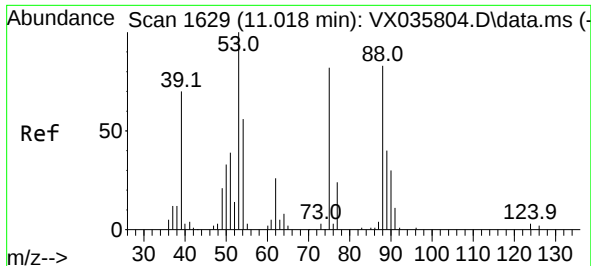
05/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.217 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion:105 Resp: 160460
Ion Ratio Lower Upper
105 100
120 48.5 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.007 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

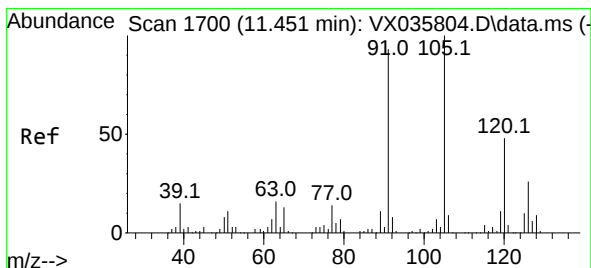
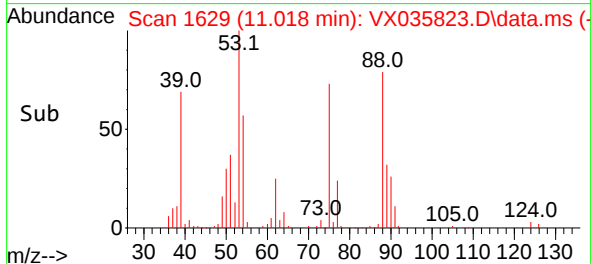
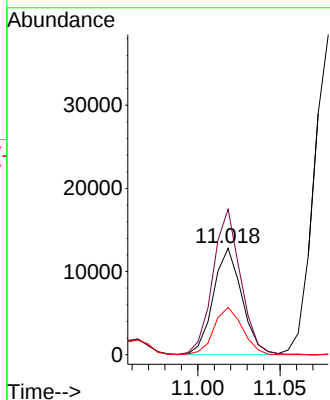
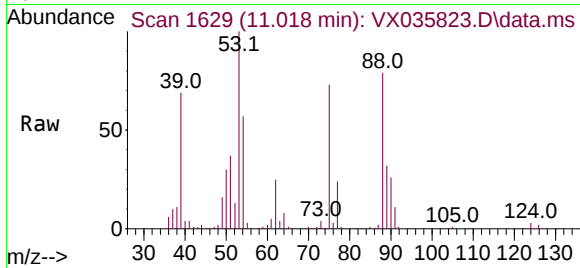
Tgt Ion: 75 Resp: 15560
Ion Ratio Lower Upper
75 100
53 137.3 58.2 174.6
89 44.5 20.6 61.8

Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

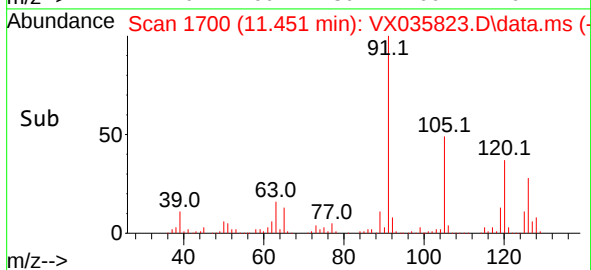
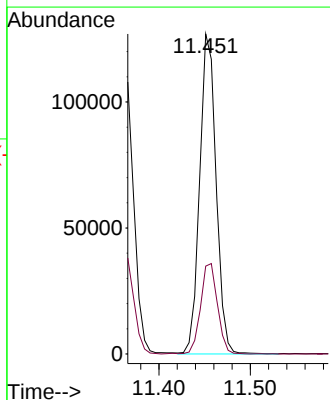
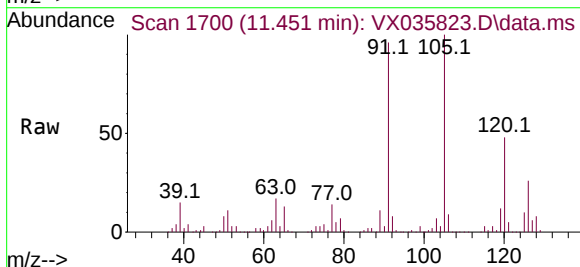
05/25/2023
Supervised By :Mahesh
Dadoda

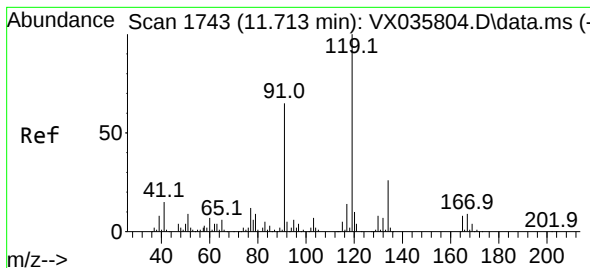
05/25/2023



#78
4-Chlorotoluene
Concen: 19.329 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

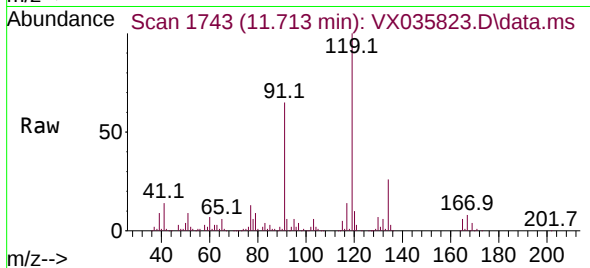
Tgt Ion: 91 Resp: 158509
Ion Ratio Lower Upper
91 100
126 28.8 0.0 56.8





#79
tert-butylbenzene
Concen: 18.722 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



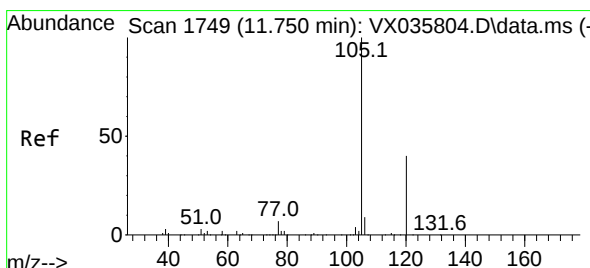
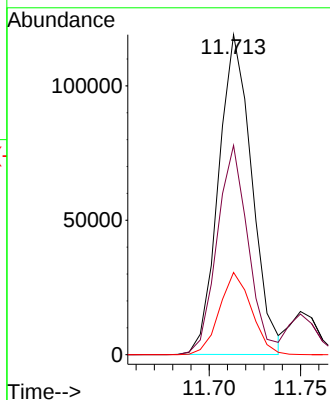
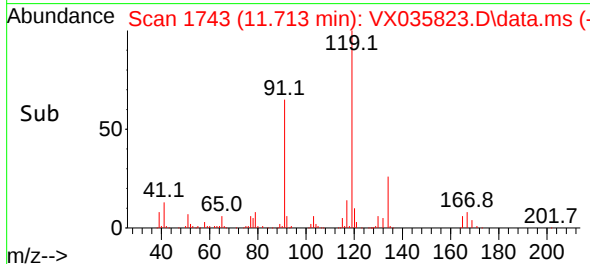
Tgt Ion:119 Resp: 150915
Ion Ratio Lower Upper
119 100
91 61.4 0.0 122.4
134 24.7 0.0 49.2

Manual Integrations
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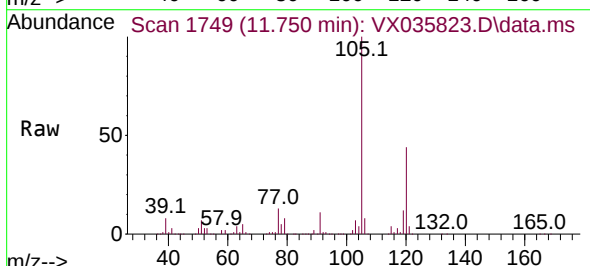
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

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Supervised By :Mahesh
Dadoda

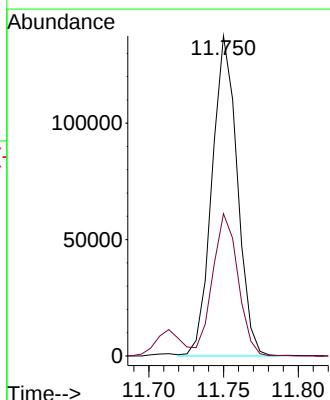
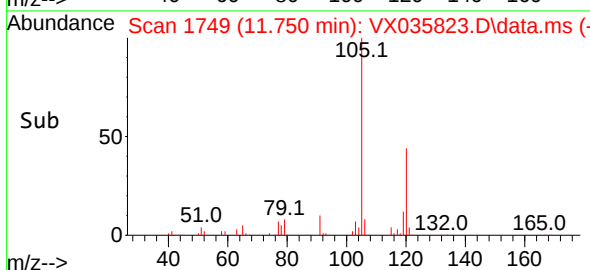
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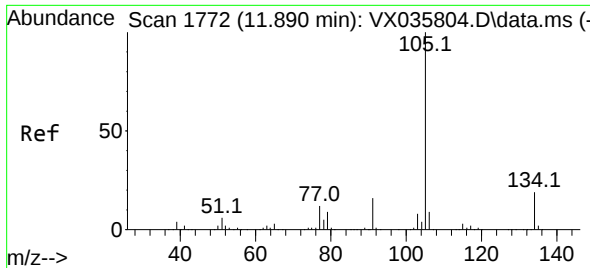


#80
1,2,4-Trimethylbenzene
Concen: 19.292 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49



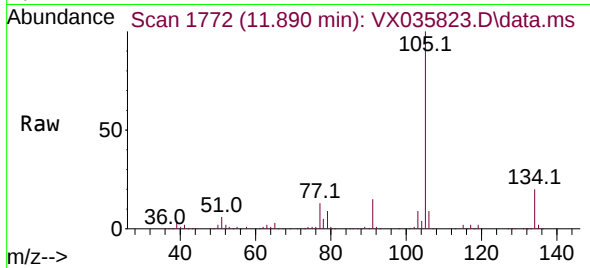
Tgt Ion:105 Resp: 161884
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 17.926 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035823.D
 Acq: 23 May 2023 18:49

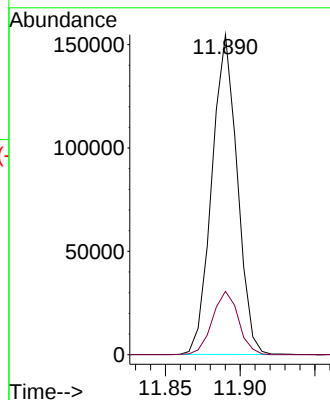
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:105 Resp: 182434
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.2

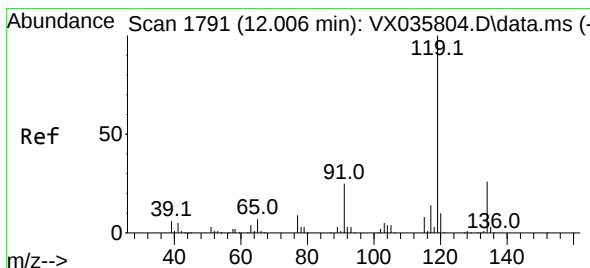
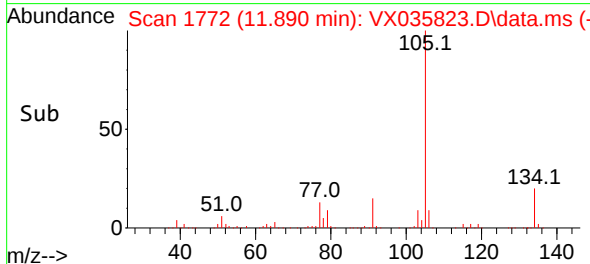
Manual Integrations
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Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



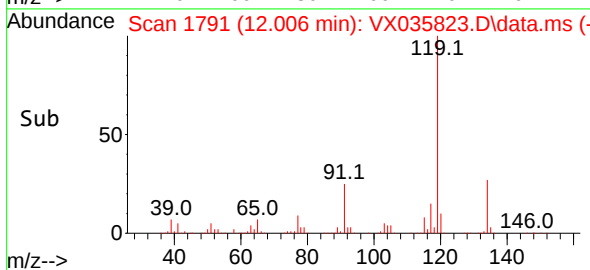
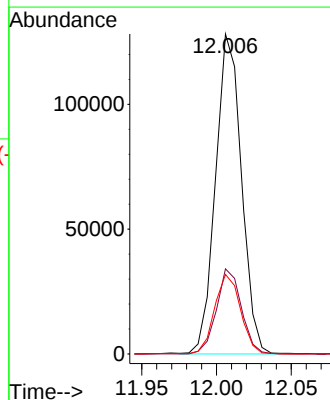
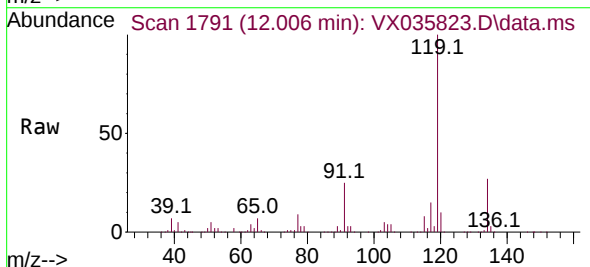
05/25/2023
 Supervised By :Mahesh
 Dadoda

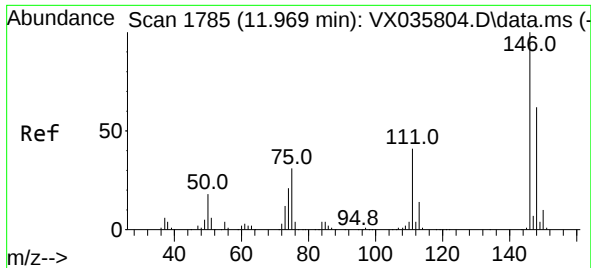
05/25/2023



#82
 p-Isopropyltoluene
 Concen: 18.254 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035823.D
 Acq: 23 May 2023 18:49

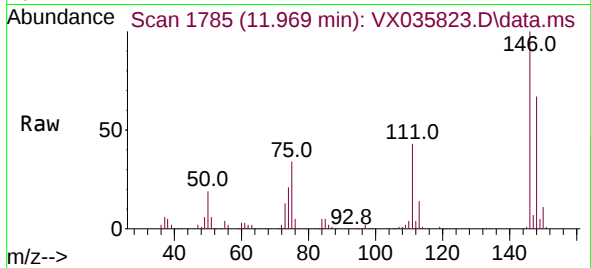
Tgt Ion:119 Resp: 154555
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.2
 91 24.8 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.140 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



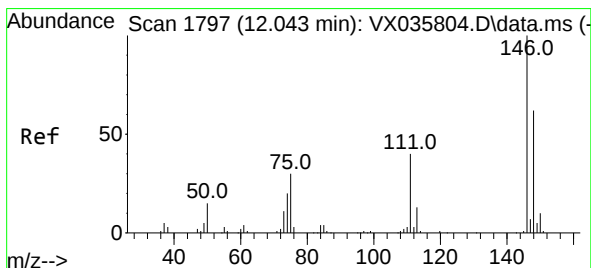
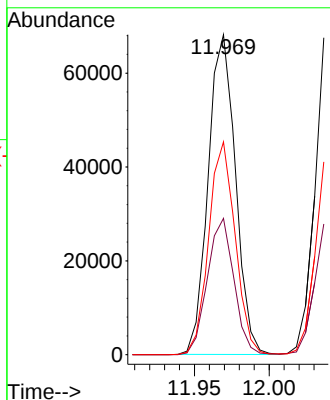
Tgt Ion:146 Resp: 86524
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.9
148 64.5 31.6 94.7

Manual Integrations
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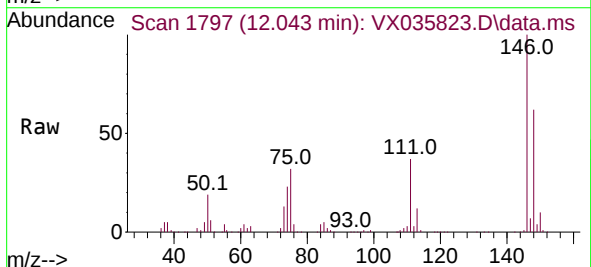
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

05/25/2023
Supervised By :Mahesh
Dadoda

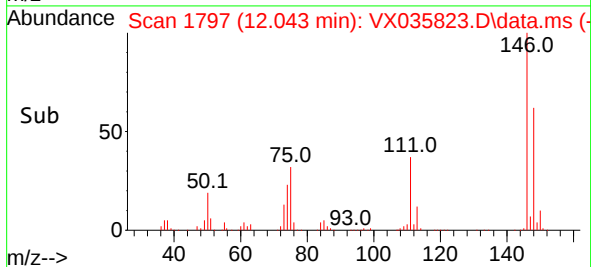
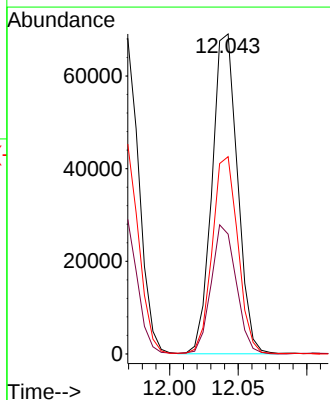
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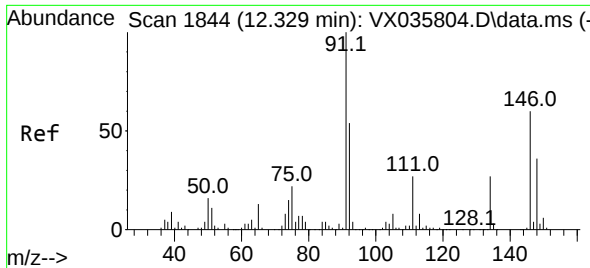


#84
1,4-Dichlorobenzene
Concen: 19.701 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49



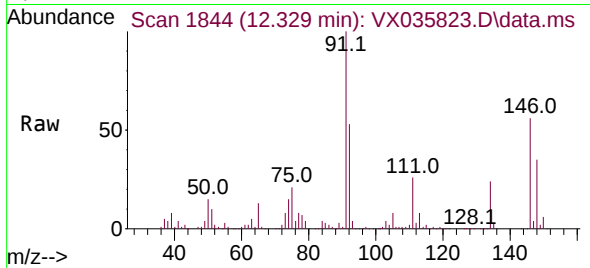
Tgt Ion:146 Resp: 89389
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 61.8 31.8 95.3





#85
n-Butylbenzene
Concen: 16.813 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



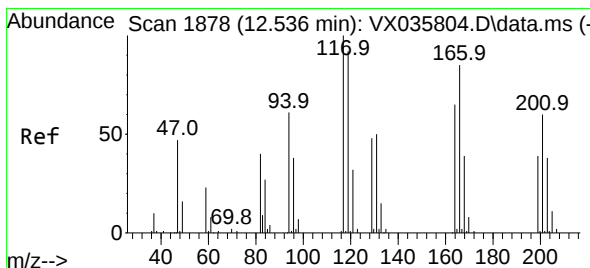
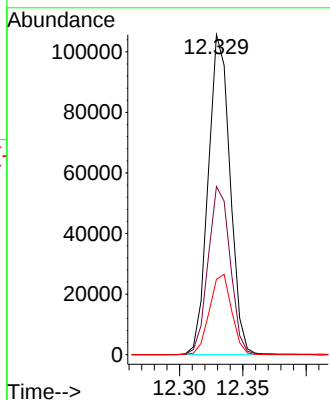
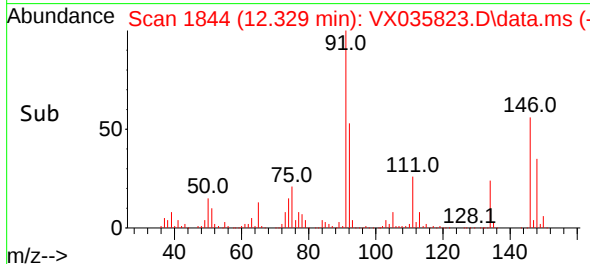
Tgt Ion: 91 Resp: 12664
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.6
134 25.5 0.0 49.8

Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

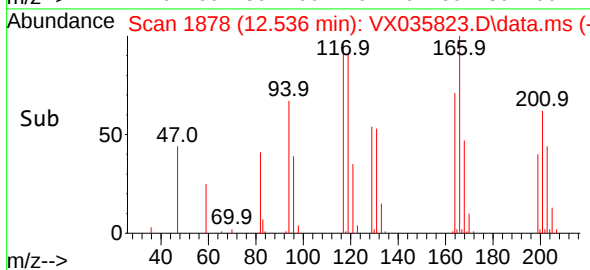
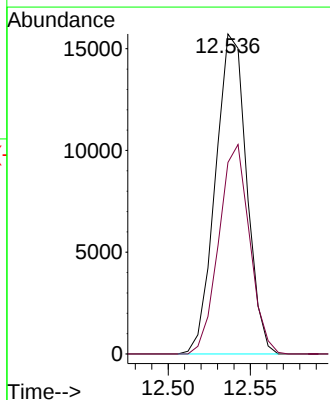
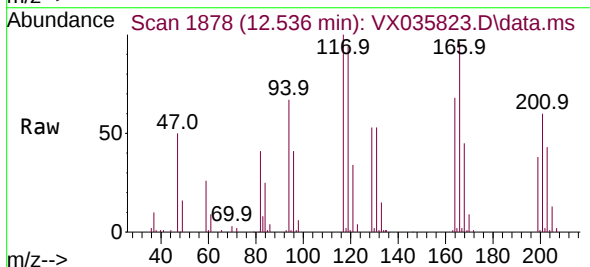
05/25/2023
Supervised By :Mahesh
Dadoda

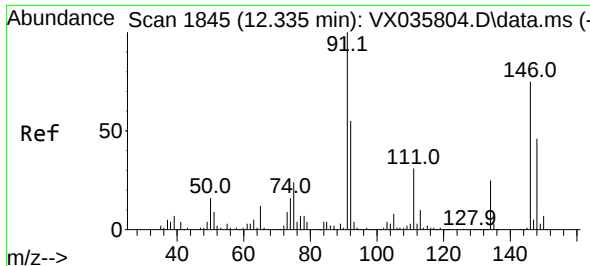
05/25/2023



#86
Hexachloroethane
Concen: 15.542 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

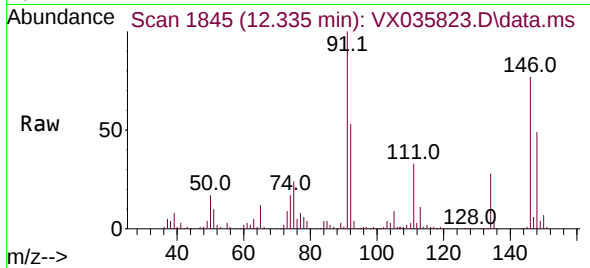
Tgt Ion:117 Resp: 20723
Ion Ratio Lower Upper
117 100
201 64.8 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.362 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



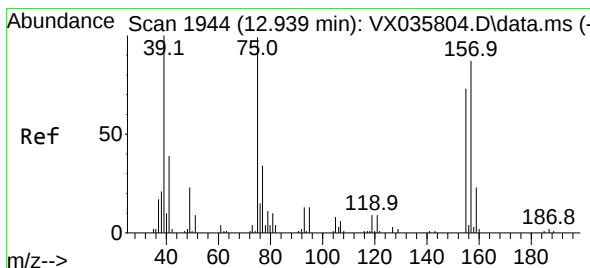
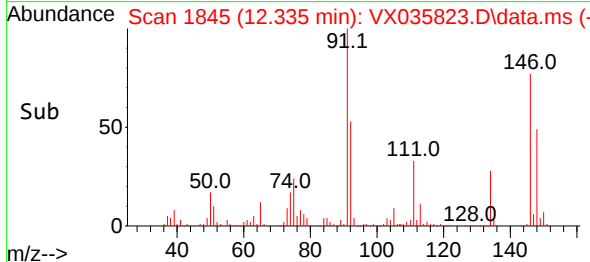
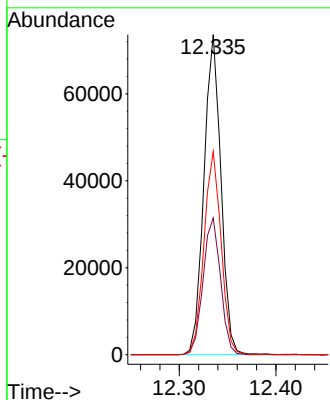
Tgt Ion:146 Resp: 9018
Ion Ratio Lower Upper
146 100
111 43.7 21.3 64.0
148 64.0 31.7 95.1

Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

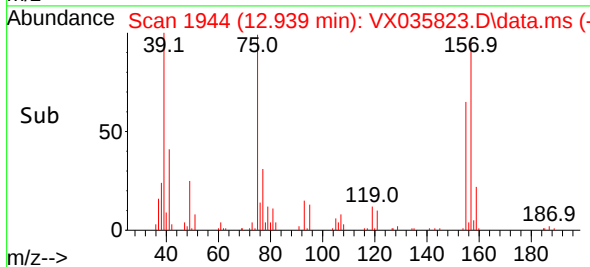
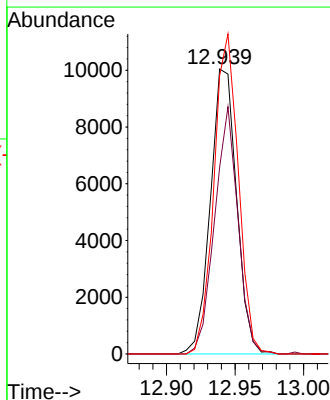
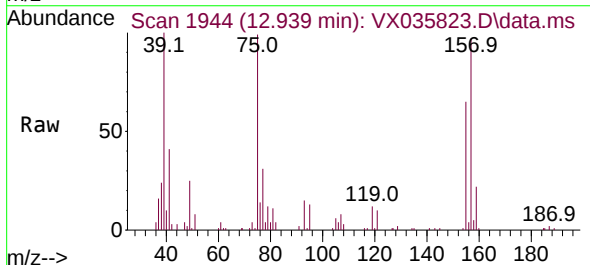
05/25/2023
Supervised By :Mahesh
Dadoda

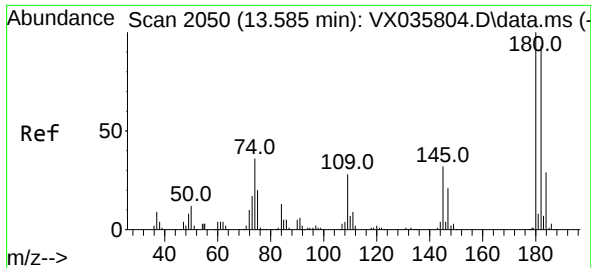
05/25/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.063 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion: 75 Resp: 13353
Ion Ratio Lower Upper
75 100
155 77.2 63.7 95.5
157 104.4 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 19.157 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

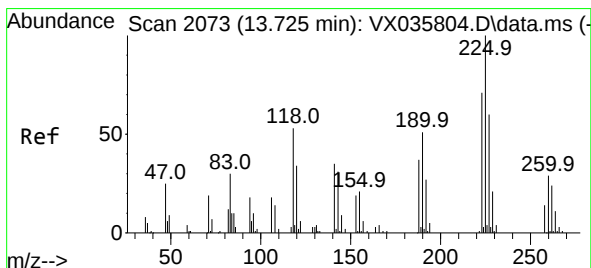
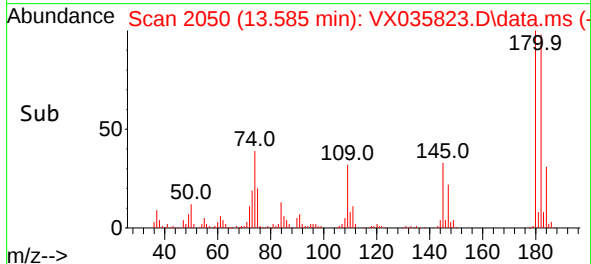
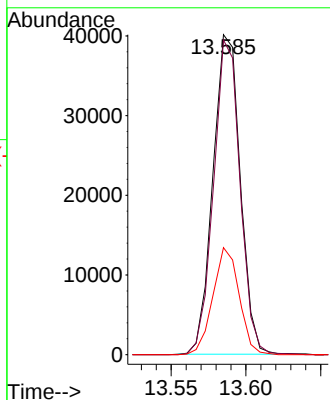
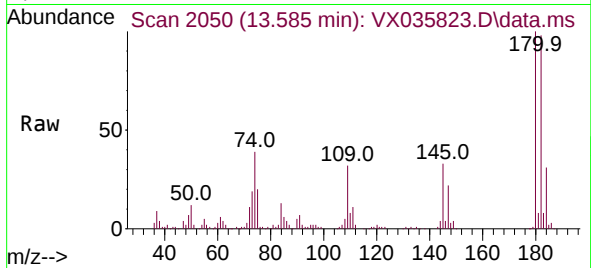
Tgt Ion:180 Resp: 5085
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.8
145 32.2 25.8 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

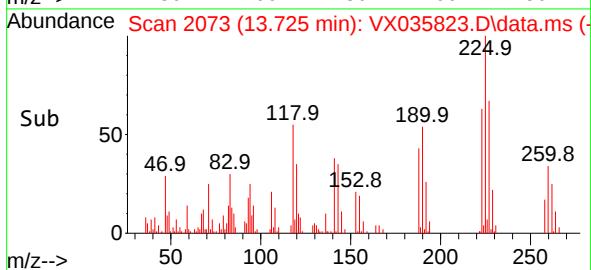
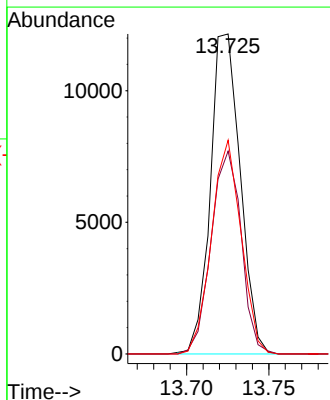
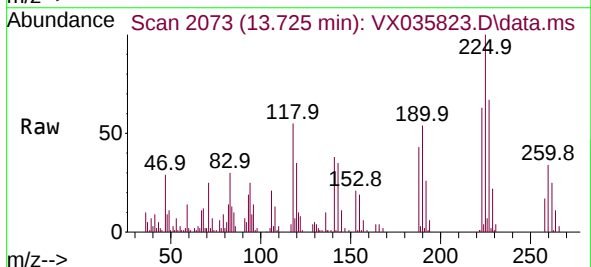
05/25/2023
Supervised By :Mahesh
Dadoda

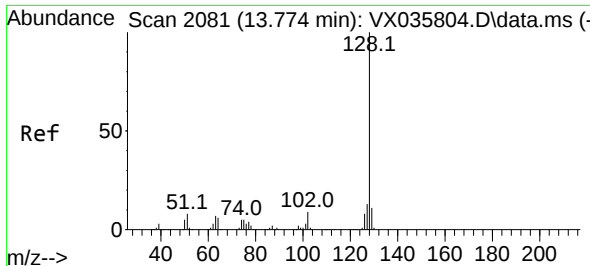
05/25/2023



#90
Hexachlorobutadiene
Concen: 15.725 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

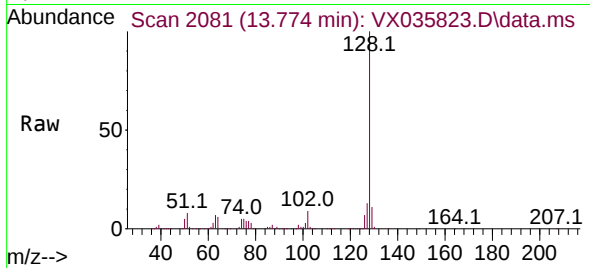
Tgt Ion:225 Resp: 15387
Ion Ratio Lower Upper
225 100
223 63.6 0.0 124.2
227 66.1 0.0 122.8





#91
Naphthalene
Concen: 21.867 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



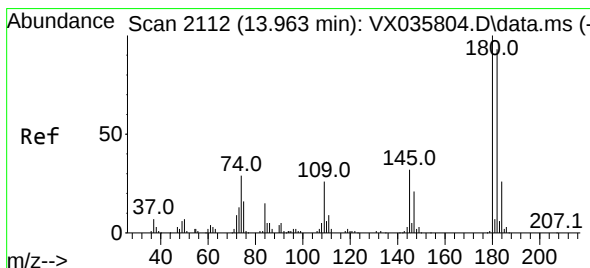
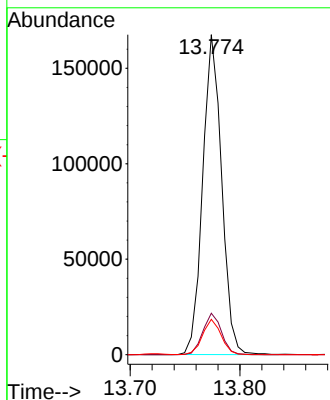
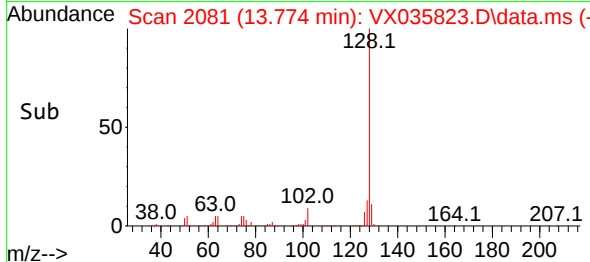
Tgt Ion:128 Resp: 200868
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

05/25/2023
Supervised By :Mahesh
Dadoda

05/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.776 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035823.D
Acq: 23 May 2023 18:49

Tgt Ion:180 Resp: 52413
Ion Ratio Lower Upper
180 100
182 93.0 0.0 191.0
145 34.1 0.0 66.8

