

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033785.D
 Acq On : 18 Jan 2023 19:47
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 03:34:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	15912	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	108313	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	118157	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36943	30.001	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.000%			
60) 4-Bromofluorobenzene	11.079	95	63375	30.003	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.000%			
63) Toluene-d8	8.647	98	115363	30.602	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29769	20.421	ug/l	100
3) Chloromethane	1.294	50	34763	21.206	ug/l	100
4) Vinyl Chloride	1.374	62	33908	21.074	ug/l	97
5) Bromomethane	1.618	94	18257	17.601	ug/l	97
6) Chloroethane	1.691	64	19214	22.324	ug/l	98
7) Trichlorofluoromethane	1.892	101	49202	20.681	ug/l	100
8) Diethyl Ether	2.130	74	18260	20.364	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	29256	20.321	ug/l	99
10) 1,1-Dichloroethene	2.319	96	29724	21.018	ug/l	93
11) Methyl Iodide	2.453	142	35778	16.770	ug/l	98
12) Methyl Acetate	2.703	43	55434	22.463	ug/l	97
13) Acrolein	2.239	56	20852	75.547	ug/l	94
14) Acrylonitrile	3.068	53	87337	108.630	ug/l	99
15) Acetone	2.392	58	24135	99.834	ug/l	99
16) Carbon Disulfide	2.514	76	70313	20.282	ug/l	100
17) Allyl chloride	2.666	41	52875	20.715	ug/l	100
18) Methylene Chloride	2.788	84	33957	21.326	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	31949	20.985	ug/l	97
20) Diisopropyl ether	3.757	45	106831	21.351	ug/l	99
21) 1,1-Dichloroethane	3.611	63	58122	21.227	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	37410	20.912	ug/l	99
23) tert-Butyl Alcohol	3.008	59	27242	98.056	ug/l	80
24) Methyl tert-Butyl Ether	3.111	73	98262	20.986	ug/l	99
25) Chloroform	5.093	83	59501	21.608	ug/l	97
26) Cyclohexane	5.471	56	50757	20.342	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	42780	20.563	ug/l	99
30) 2-Butanone	4.562	43	120730	105.037	ug/l	100
31) 2,2-Dichloropropane	4.477	77	37279	18.893	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	48752	20.349	ug/l	99
33) Carbon Tetrachloride	5.678	117	43165	20.130	ug/l	99
34) Benzene	6.037	78	130283	21.100	ug/l	98
35) Methacrylonitrile	4.922	41	26540	21.203	ug/l	98
36) 1,2-Dichloroethane	6.086	62	45327	20.870	ug/l	100
37) Trichloroethene	7.129	130	37040	21.242	ug/l	97
38) Methylcyclohexane	7.379	83	50633	20.228	ug/l	98
39) 1,2-Dichloropropane	7.427	63	32832	21.721	ug/l	97
40) Dibromomethane	7.580	93	22803	21.224	ug/l	94
41) Bromodichloromethane	7.824	83	42867	20.912	ug/l	99
42) Vinyl Acetate	3.721	43	401448	103.948	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	47249	21.029	ug/l	98
44) Isopropyl Acetate	6.336	43	71455	20.914	ug/l	98
45) 1,4-Dioxane	7.714	88	15532	439.883	ug/l #	92
46) Methyl methacrylate	7.690	41	37542	21.641	ug/l	96
47) n-amyl Acetate	10.842	43	59046	20.487	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	41966	19.432	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	48598	19.936	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	34373	21.567	ug/l	97
51) Ethyl methacrylate	9.116	69	49687	21.042	ug/l	93
52) 1,3-Dichloropropane	9.311	76	57789	21.515	ug/l	98
53) Dibromochloromethane	9.519	129	35796	20.564	ug/l	100
54) 1,2-Dibromoethane	9.610	107	36167	21.007	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	111513	100.586	ug/l	98
56) Bromoform	10.799	173	27250	20.170	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	236016	111.128	ug/l	97
59) 2-Hexanone	9.433	43	172797	108.285	ug/l	97
61) Tetrachloroethene	9.275	164	33244	21.367	ug/l	95
62) Toluene	8.720	91	141014	21.336	ug/l	100
64) Chlorobenzene	10.079	112	92490	20.991	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	33889	20.655	ug/l	98
66) Ethyl Benzene	10.195	91	157866	20.871	ug/l	99
67) m/p-Xylenes	10.299	106	125783	42.110	ug/l	97
68) o-Xylene	10.640	106	61563	20.784	ug/l	99
69) Styrene	10.653	104	102036	20.942	ug/l	100
70) Isopropylbenzene	10.963	105	159221	20.868	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	50895	22.247	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	45171m	21.670	ug/l	
73) Bromobenzene	11.195	156	43941	21.265	ug/l	100
74) n-propylbenzene	11.305	91	177286	20.454	ug/l	100
75) 2-Chlorotoluene	11.366	91	107655	20.880	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	132271	20.904	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	12363	19.303	ug/l	97
78) 4-Chlorotoluene	11.451	91	120055	20.698	ug/l	100
79) tert-butylbenzene	11.713	119	134756	20.807	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	131059	20.891	ug/l	99
81) sec-Butylbenzene	11.890	105	161729	20.522	ug/l	99
82) p-Isopropyltoluene	12.006	119	139577	20.446	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	77117	20.657	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	79463	21.236	ug/l	98
85) n-Butylbenzene	12.329	91	109441	19.711	ug/l	99
86) Hexachloroethane	12.536	117	20332	18.841	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	77730	21.600	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9973	21.301	ug/l	90
89) 1,2,4-Trichlorobenzene	13.591	180	48172	19.238	ug/l	98
90) Hexachlorobutadiene	13.725	225	21104	17.974	ug/l	99
91) Naphthalene	13.774	128	145321	19.799	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	47354	19.282	ug/l	99

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

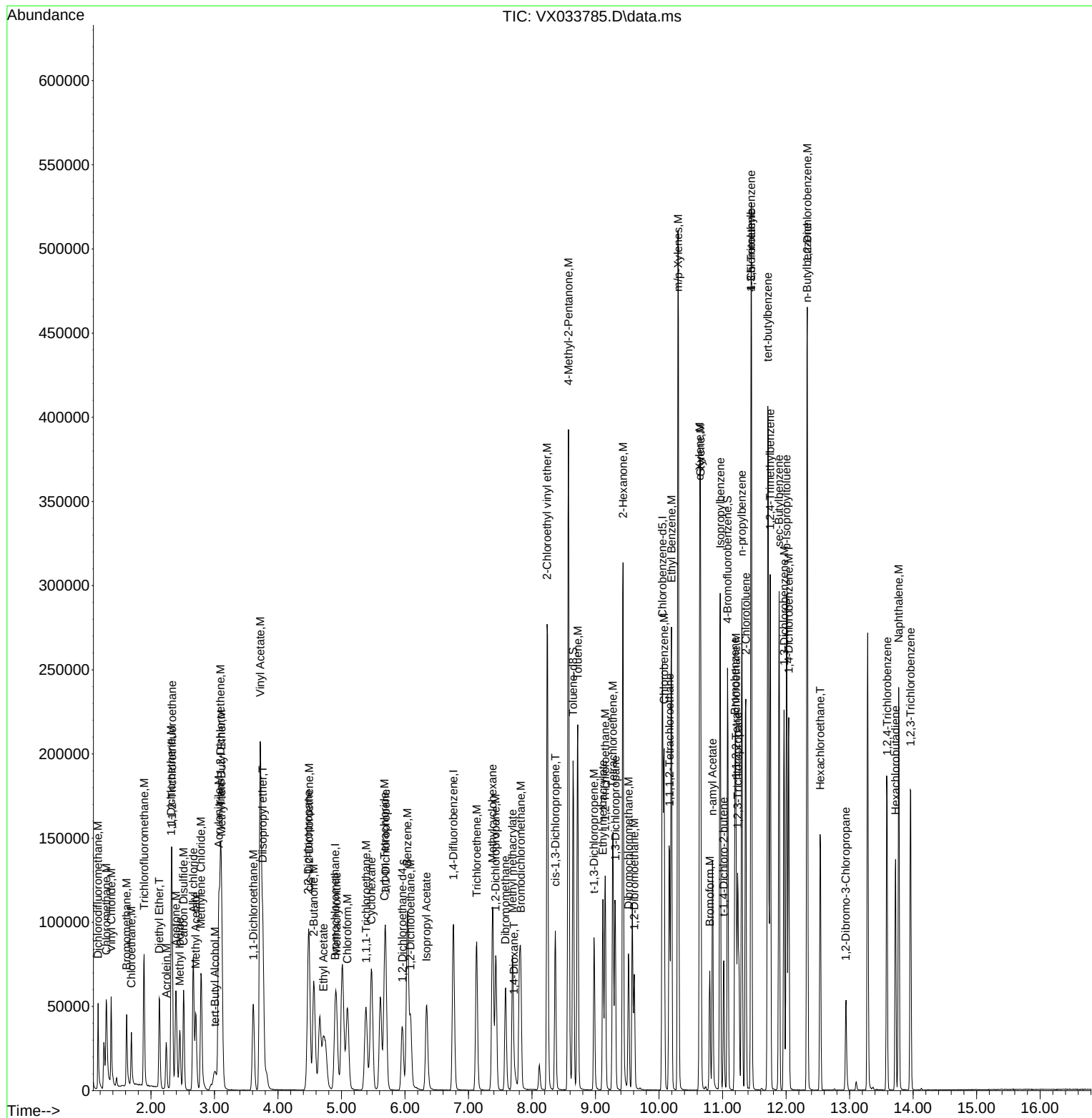
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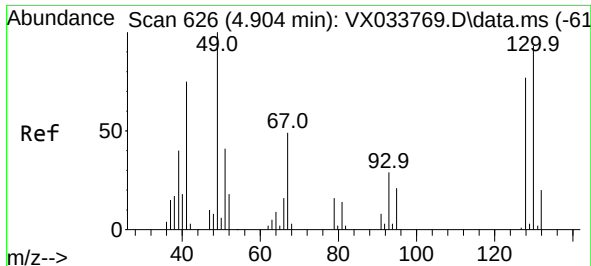
Instrument :
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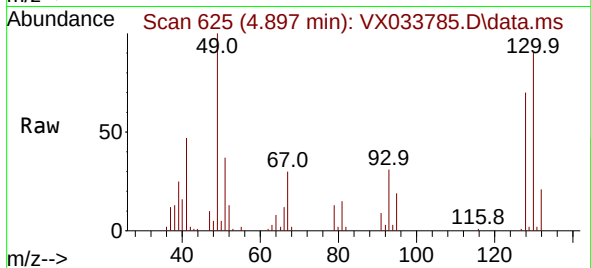
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

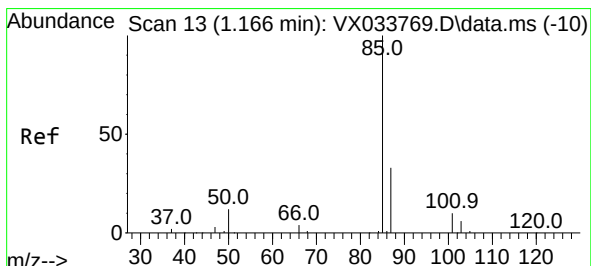
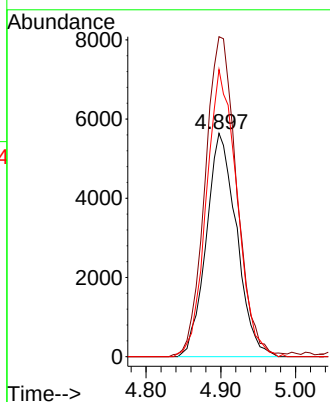
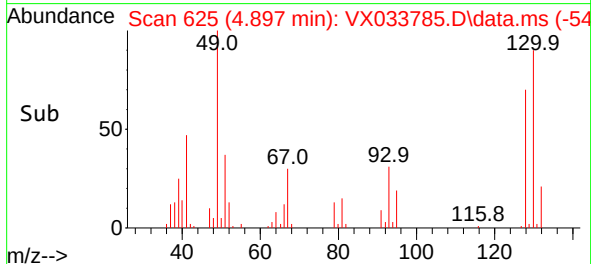
Instrument :
MSVOA_X
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VSTDCCC020EC



Tgt Ion:128 Resp: 1591
Ion Ratio Lower Upper
128 100
49 149.1 0.0 369.0
130 130.1 0.0 327.5

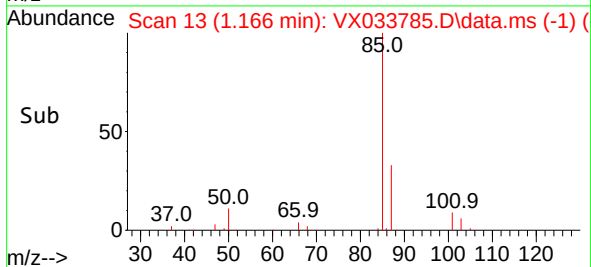
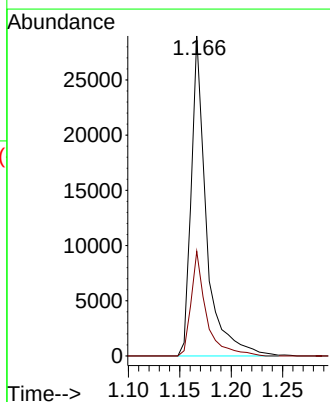
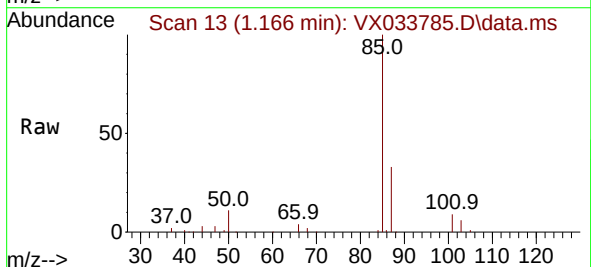
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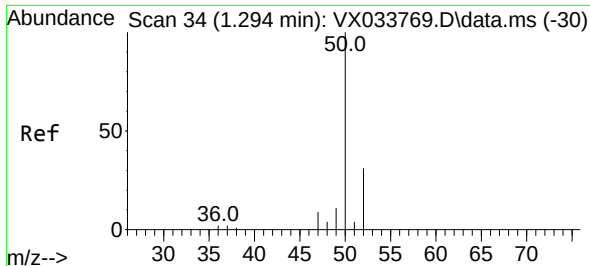
Reviewed By :John Carlone 01/19/2023
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#2
Dichlorodifluoromethane
Concen: 20.421 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 85 Resp: 29769
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





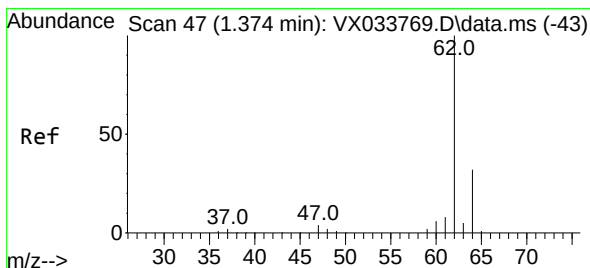
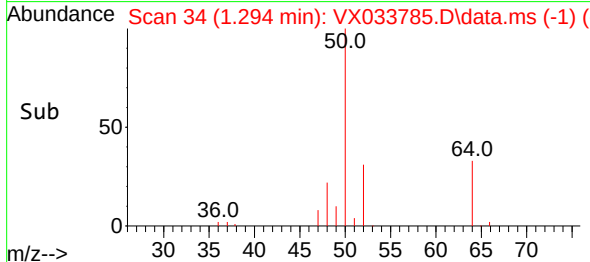
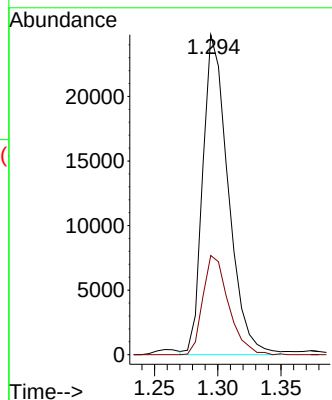
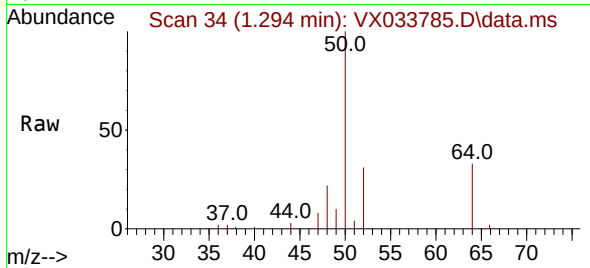
#3
Chloromethane
Concen: 21.206 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

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Tgt Ion: 50 Resp: 3476
Ion Ratio Lower Upper
50 100
52 31.3 25.1 37.7

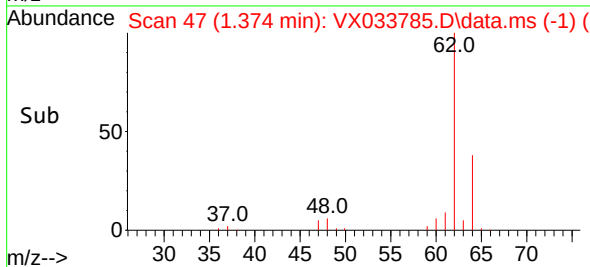
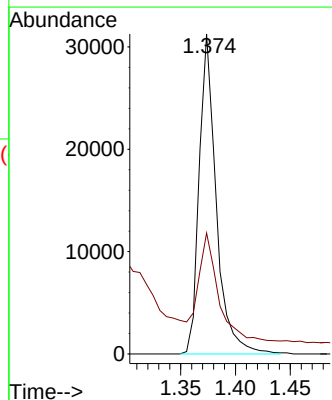
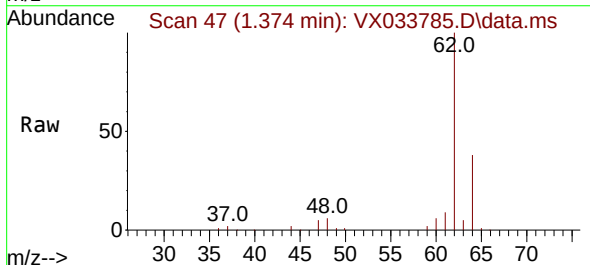
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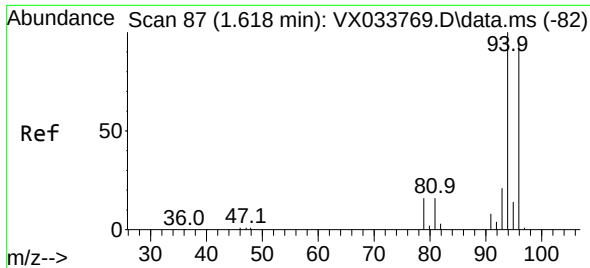
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#4
Vinyl Chloride
Concen: 21.074 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

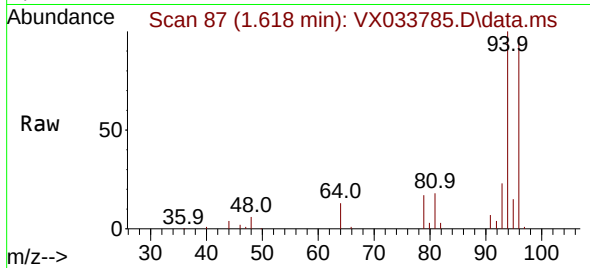
Tgt Ion: 62 Resp: 33908
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.2





#5
Bromomethane
Concen: 17.601 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

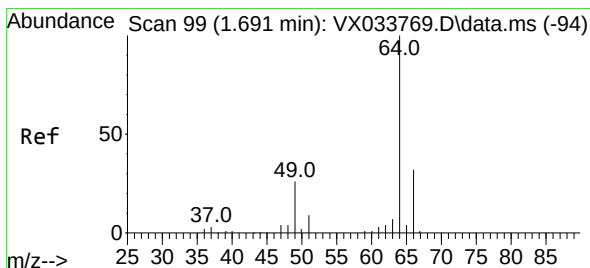
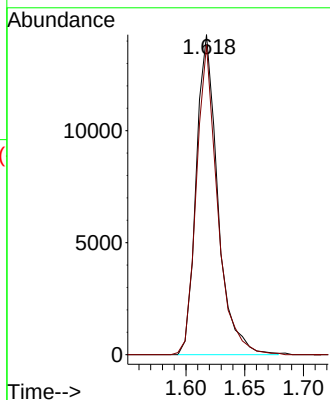
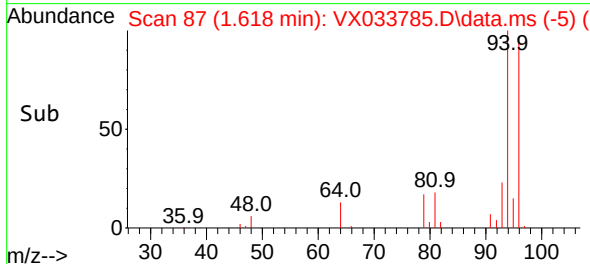
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Tgt Ion: 94 Resp: 1825
Ion Ratio Lower Upper
94 100
96 96.3 74.8 112.2

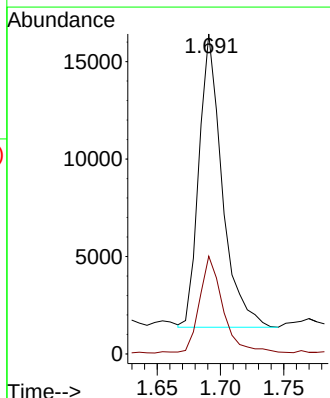
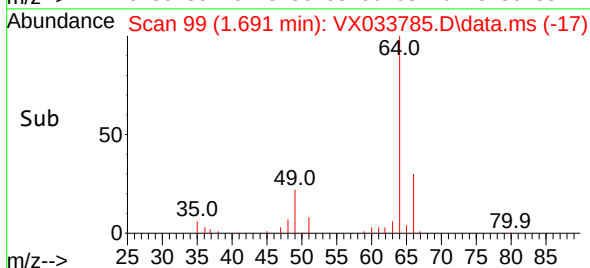
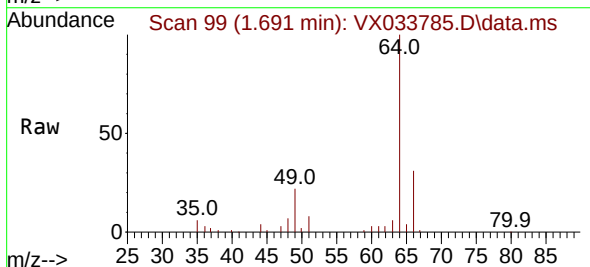
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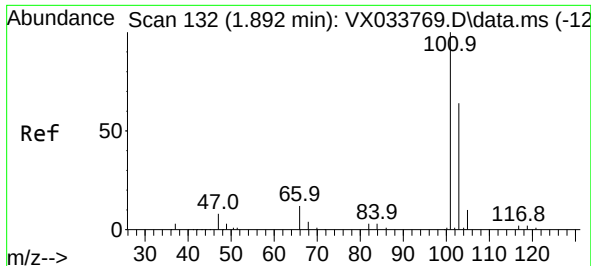
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 22.324 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

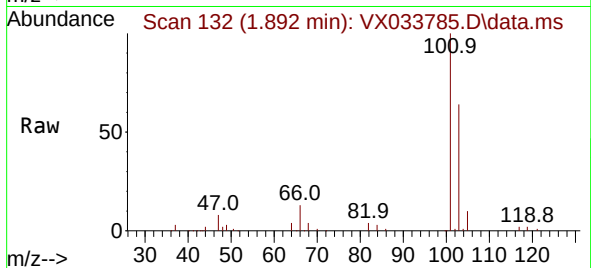
Tgt Ion: 64 Resp: 19214
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 20.681 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033785.D
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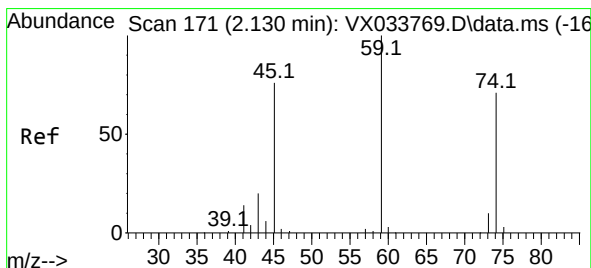
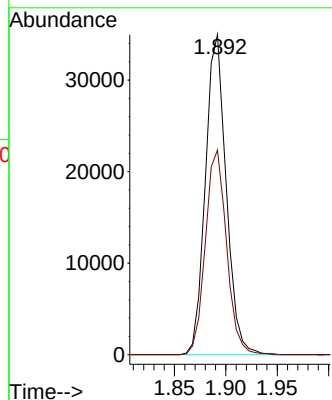
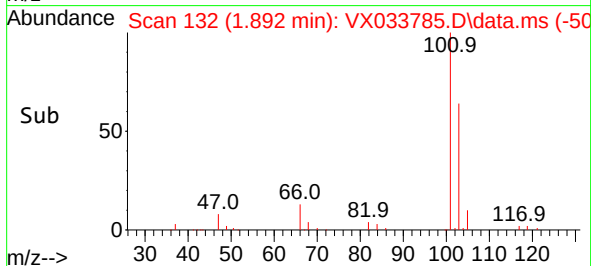
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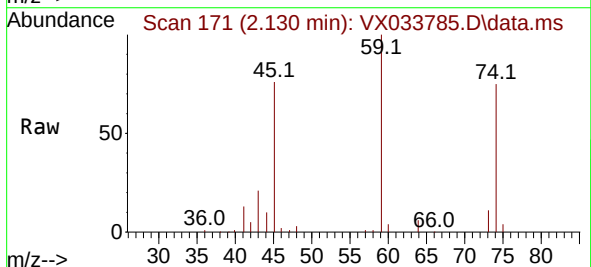
Tgt Ion:101 Resp: 4920
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0

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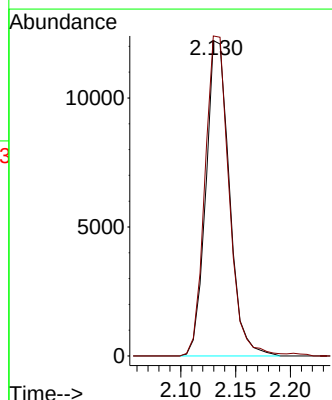
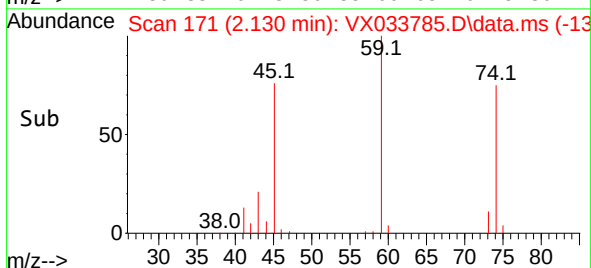
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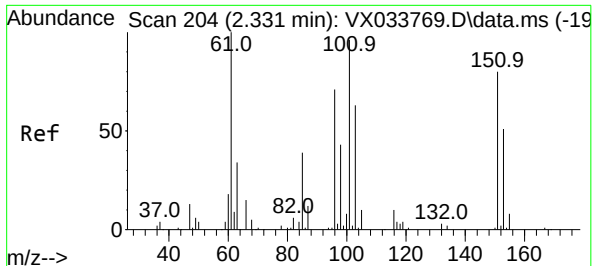


#8
 Diethyl Ether
 Concen: 20.364 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 18260
 Ion Ratio Lower Upper
 74 100
 45 103.7 20.2 182.0





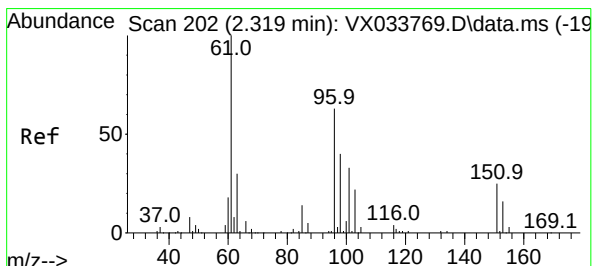
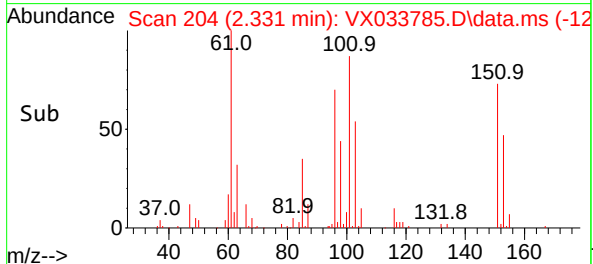
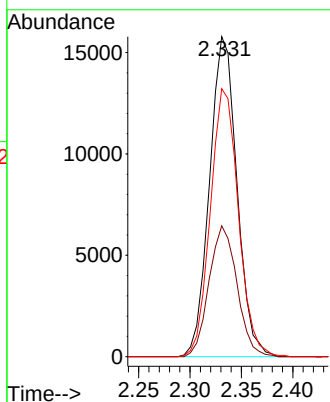
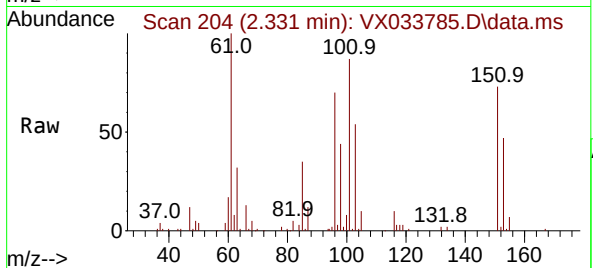
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1,1,2-Trichlorotrifluoroethane
Concen: 20.321 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033785.D
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Tgt Ion:101 Resp: 29250
Ion Ratio Lower Upper
101 100
85 41.7 0.0 83.0
151 85.6 0.0 174.6

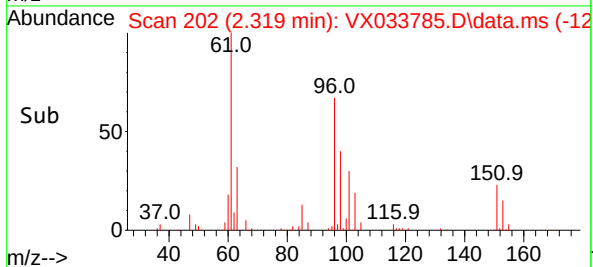
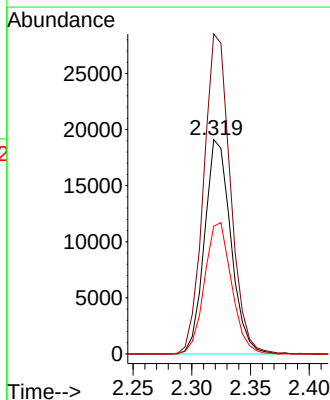
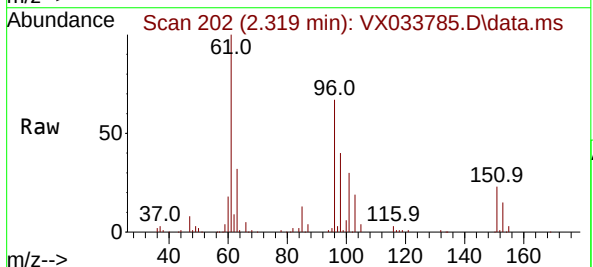
Manual Integrations
APPROVED

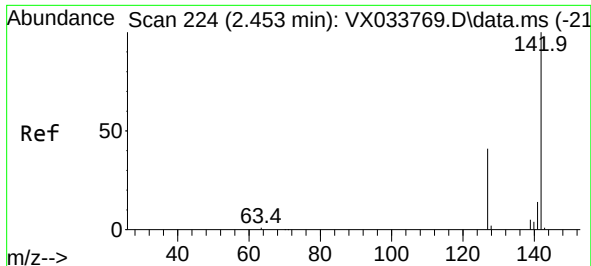
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 21.018 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

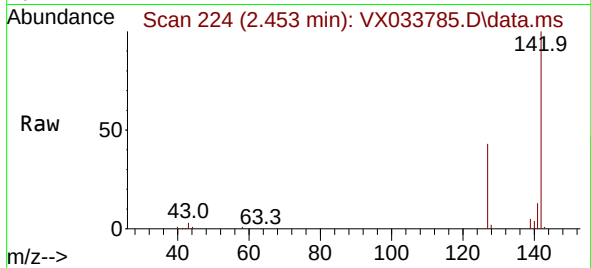
Tgt Ion: 96 Resp: 29724
Ion Ratio Lower Upper
96 100
61 148.8 127.5 191.3
98 59.5 51.1 76.7





#11
Methyl Iodide
Concen: 16.770 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

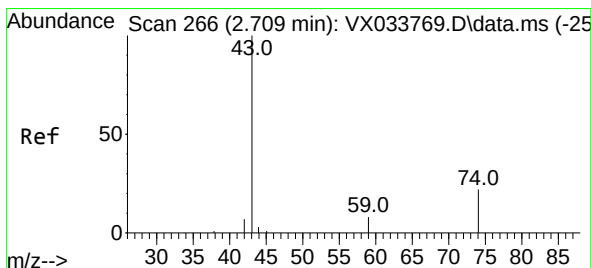
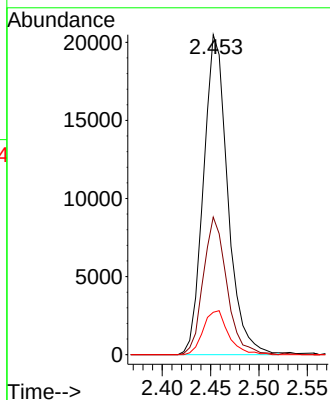
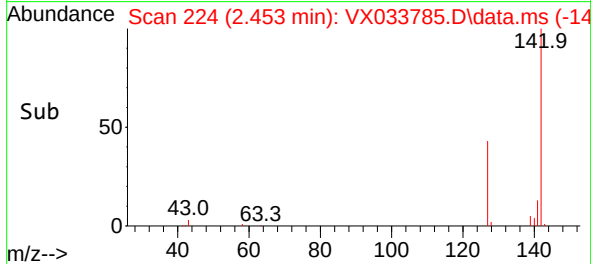
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 35778
Ion Ratio Lower Upper
142 100
127 43.1 20.7 62.1
141 13.3 7.0 21.0

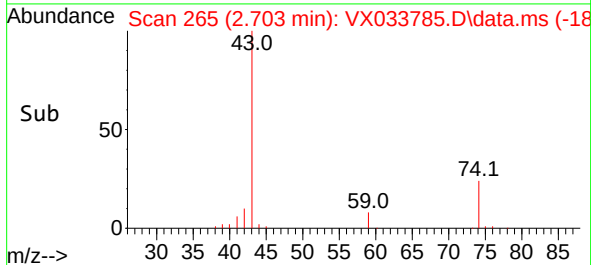
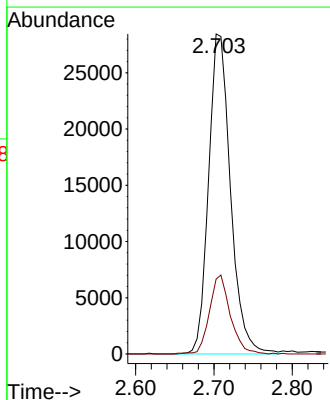
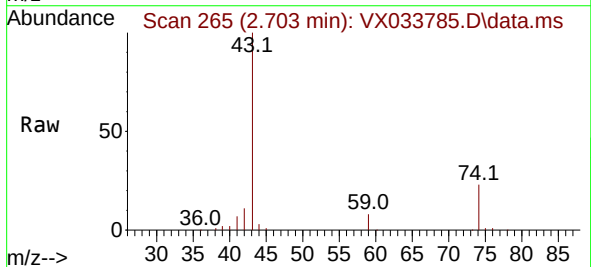
Manual Integrations
APPROVED

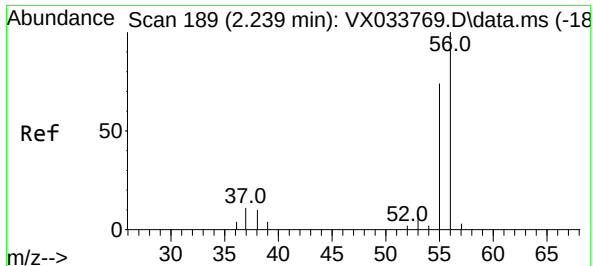
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
Methyl Acetate
Concen: 22.463 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

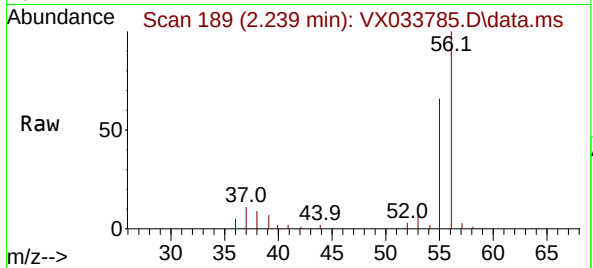
Tgt Ion: 43 Resp: 55434
Ion Ratio Lower Upper
43 100
74 23.4 17.6 26.4





#13
Acrolein
Concen: 75.547 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

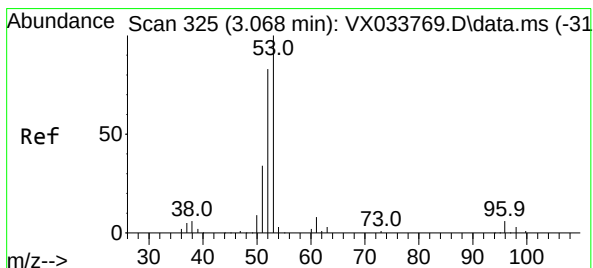
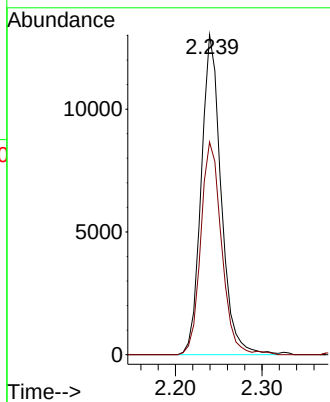
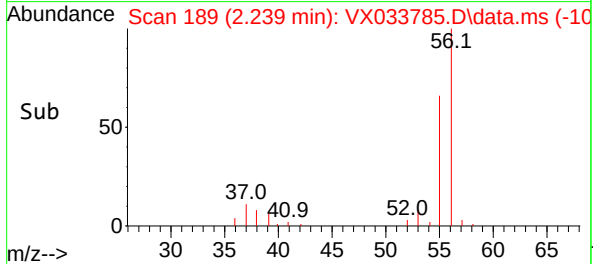
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 20852
Ion Ratio Lower Upper
56 100
55 68.7 58.8 88.2

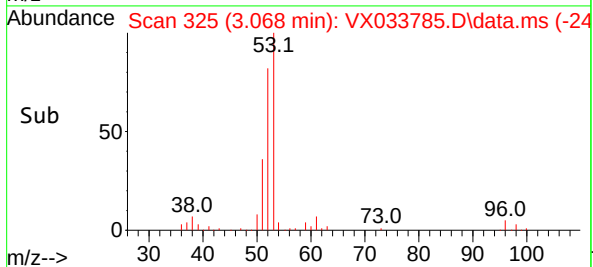
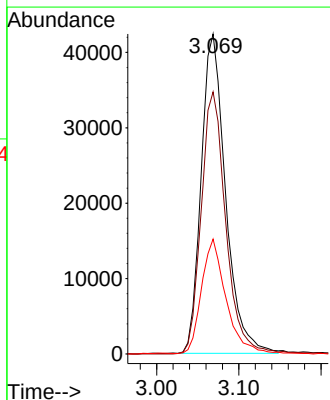
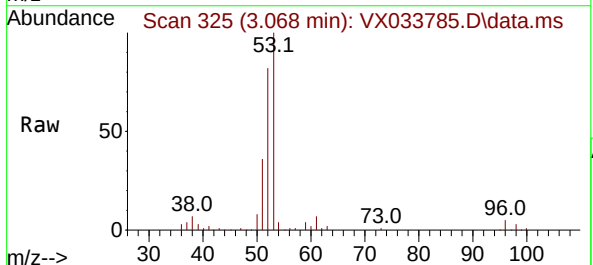
Manual Integrations
APPROVED

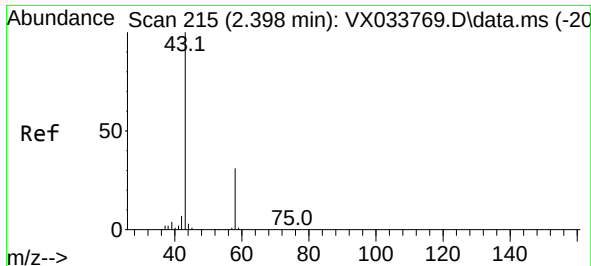
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#14
Acrylonitrile
Concen: 108.630 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 53 Resp: 87337
Ion Ratio Lower Upper
53 100
52 83.0 41.0 123.2
51 36.5 17.6 52.8





#15

Acetone

Concen: 99.834 ug/l

RT: 2.392 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 2413

Ion Ratio Lower Upper

58 100

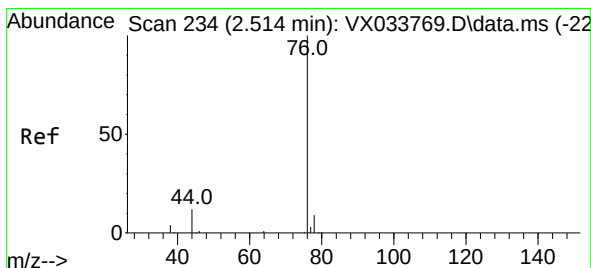
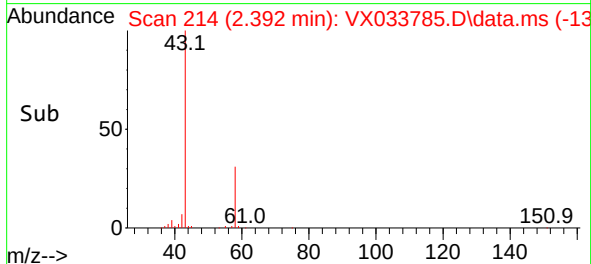
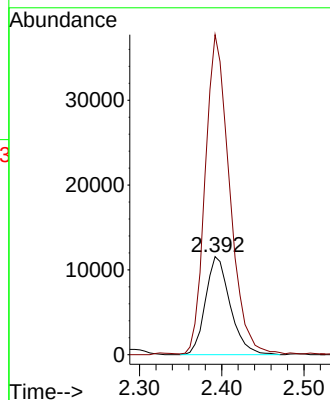
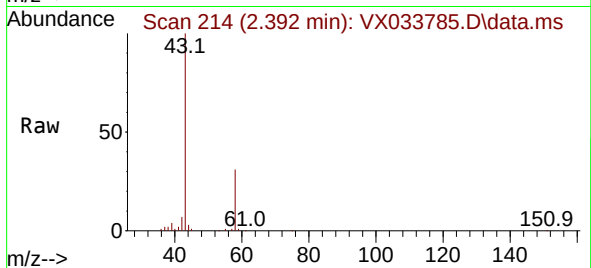
43 325.2 258.6 388.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#16

Carbon Disulfide

Concen: 20.282 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033785.D

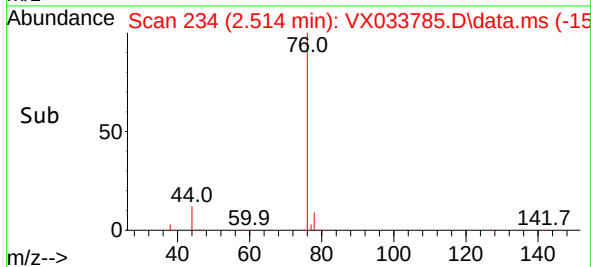
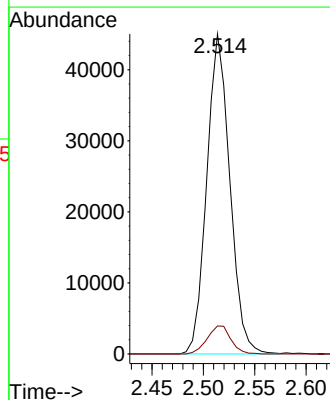
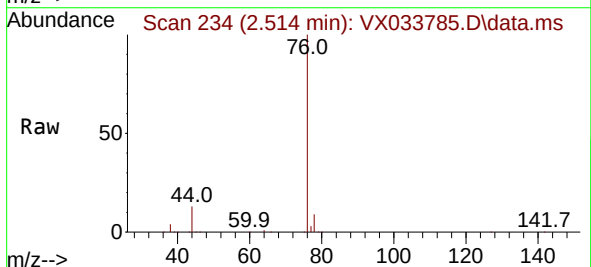
Acq: 18 Jan 2023 19:47

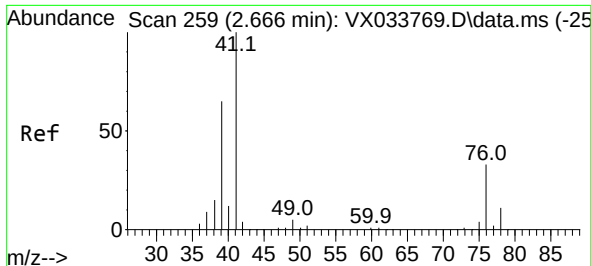
Tgt Ion: 76 Resp: 70313

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3





#17

Allyl chloride

Concen: 20.715 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

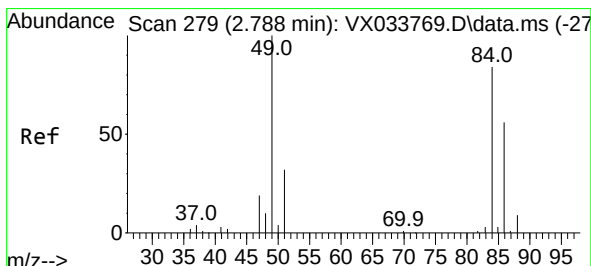
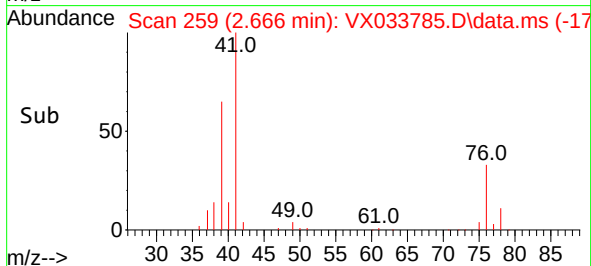
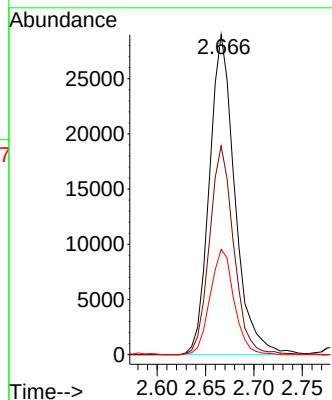
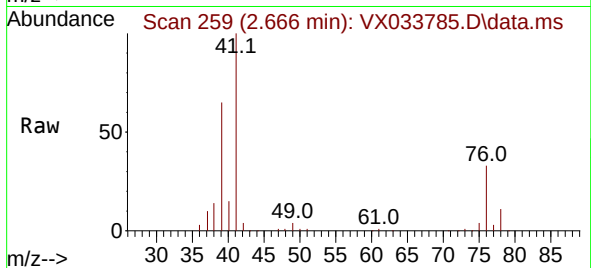
Tgt Ion: 41	Resp: 5287
Ion Ratio	Lower Upper
41 100	
39 65.2	32.5 97.4
76 32.9	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#18

Methylene Chloride

Concen: 21.326 ug/l

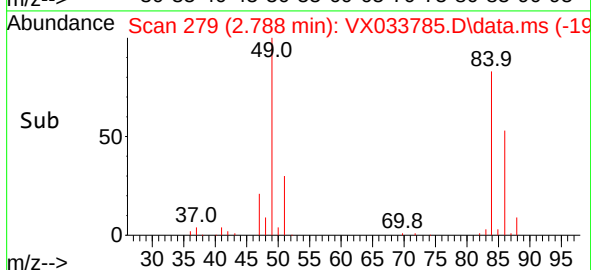
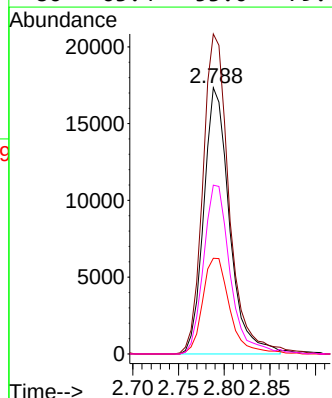
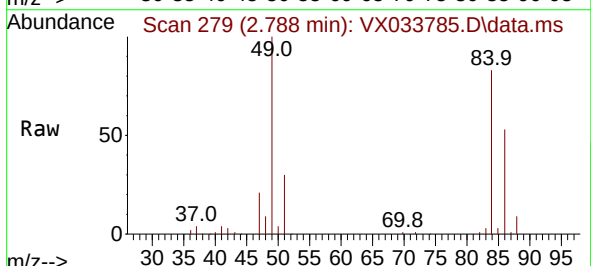
RT: 2.788 min Scan# 279

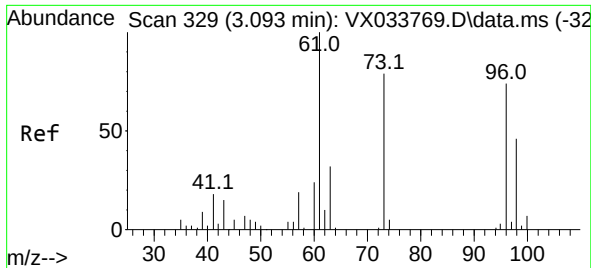
Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

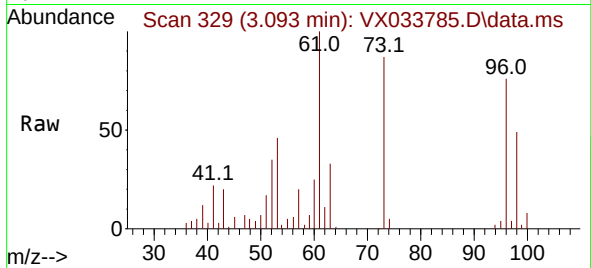
Tgt Ion: 84	Resp: 33957
Ion Ratio	Lower Upper
84 100	
49 119.8	95.0 142.6
51 36.0	30.3 45.5
86 63.4	53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 20.985 ug/l
RT: 3.093 min Scan# 31949
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

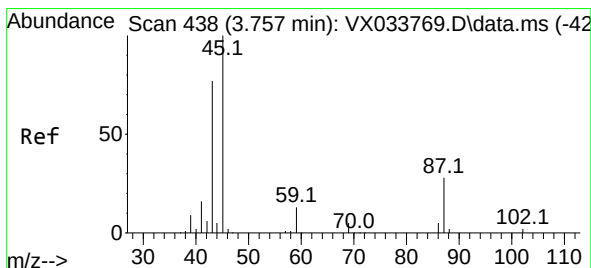
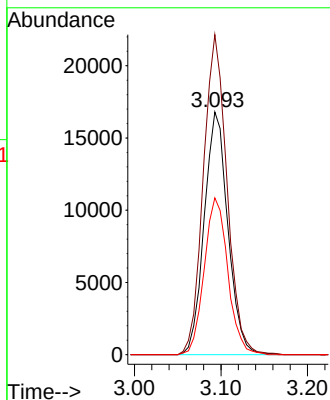
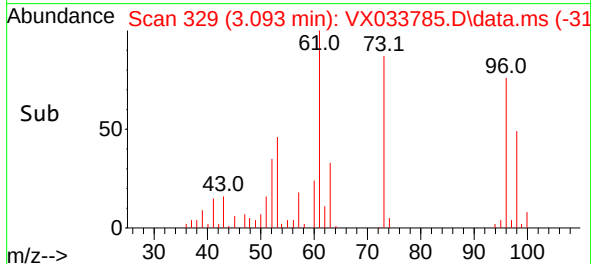
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



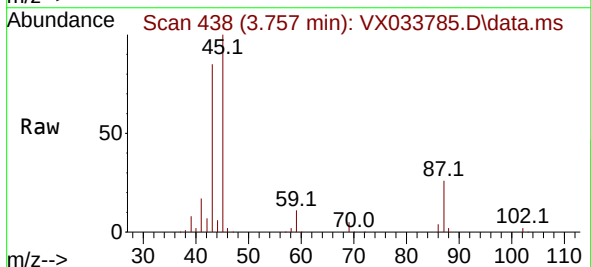
Tgt Ion: 96 Resp: 31949
Ion Ratio Lower Upper
96 100
61 131.8 107.7 161.5
98 64.6 49.8 74.6

Manual Integrations
APPROVED

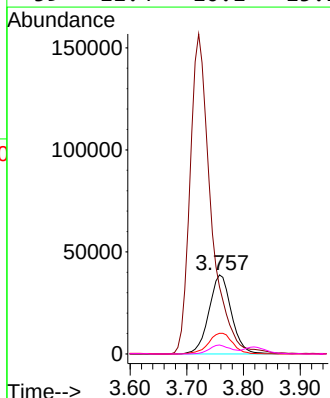
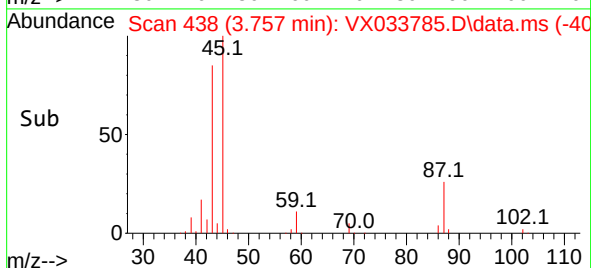
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

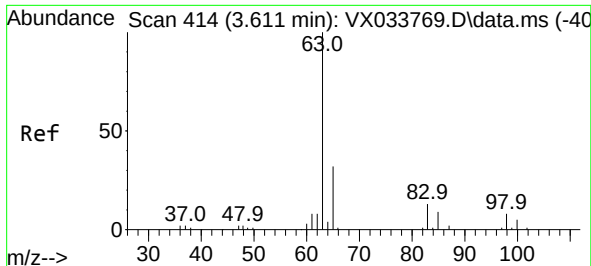


#20
Diisopropyl ether
Concen: 21.351 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



Tgt Ion: 45 Resp: 106831
Ion Ratio Lower Upper
45 100
43 83.7 66.6 99.8
87 26.1 22.3 33.5
59 11.4 10.1 15.1





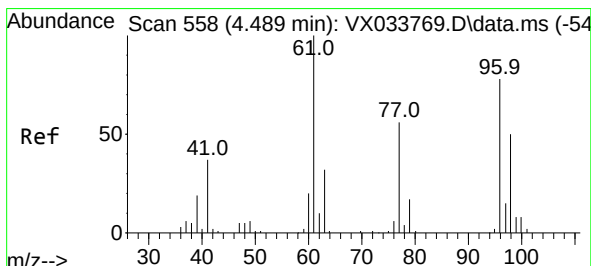
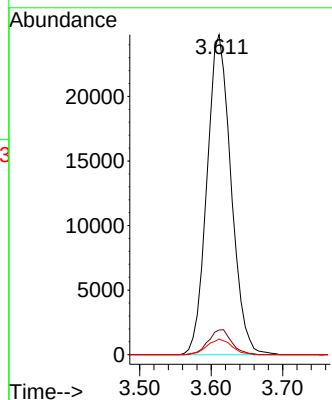
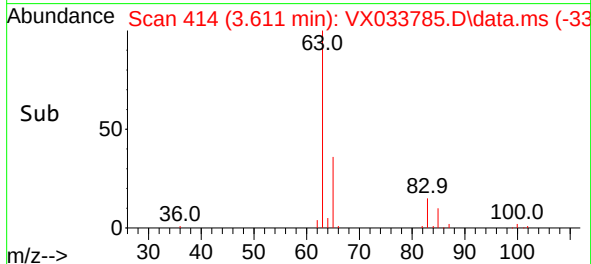
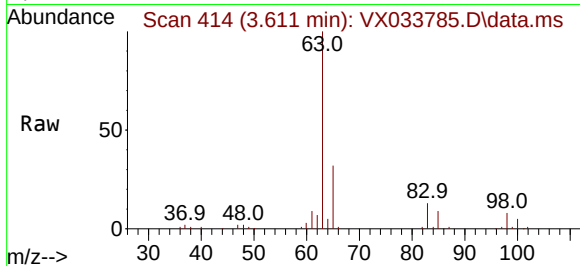
#21
1,1-Dichloroethane
Concen: 21.227 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 5812
Ion Ratio Lower Upper
63 100
98 7.7 4.0 12.2
100 4.8 2.3 6.9

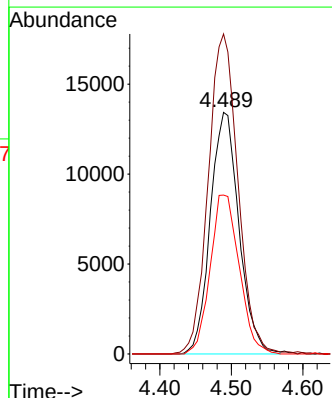
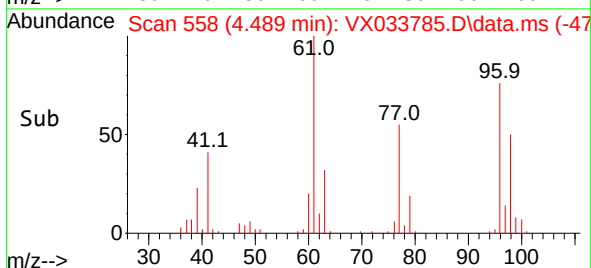
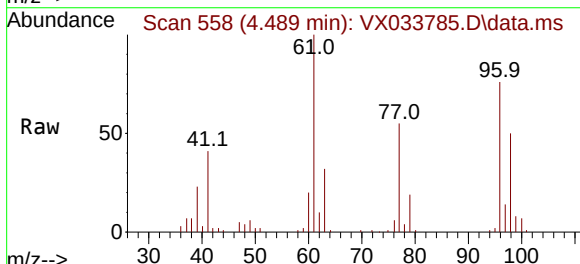
Manual Integrations
APPROVED

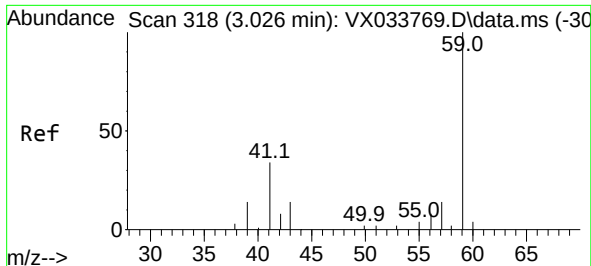
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 20.912 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 96 Resp: 37410
Ion Ratio Lower Upper
96 100
61 136.8 109.0 163.6
98 66.7 51.7 77.5





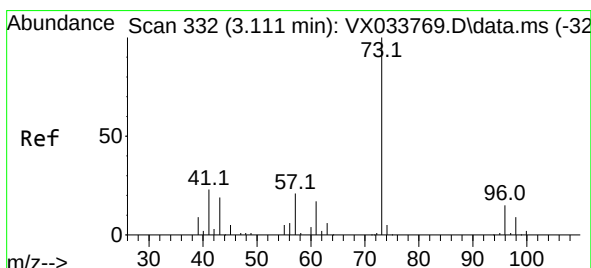
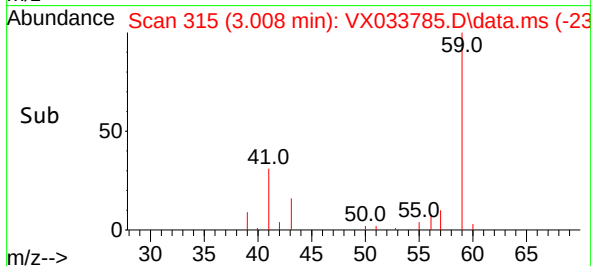
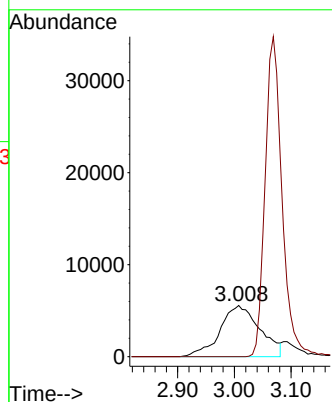
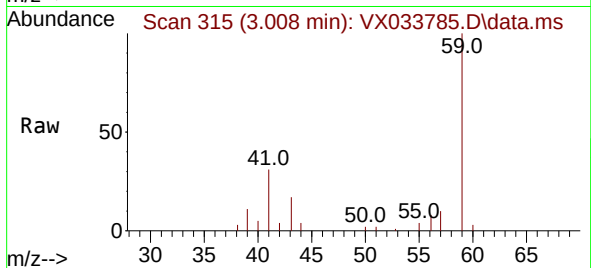
#23
tert-Butyl Alcohol
Concen: 98.056 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.018 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 2724
Ion Ratio Lower Upper
59 100
52 266.0 186.7 280.1

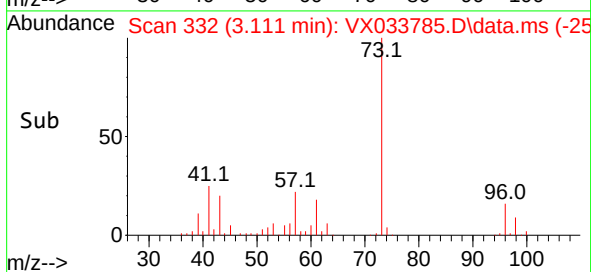
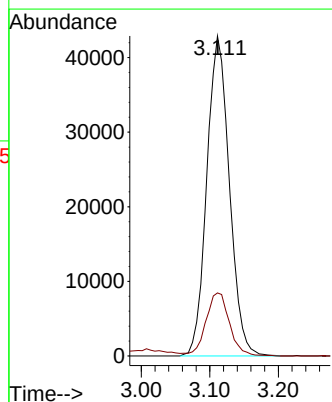
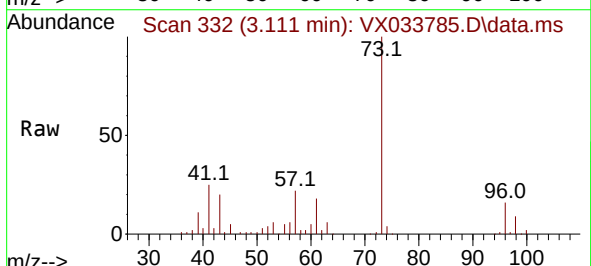
Manual Integrations
APPROVED

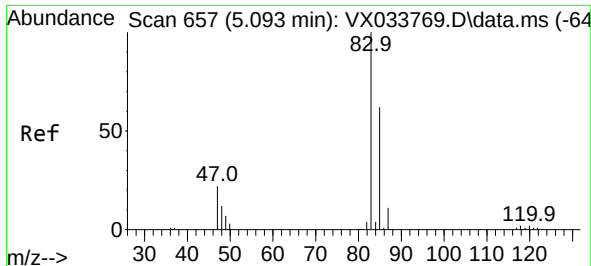
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 20.986 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

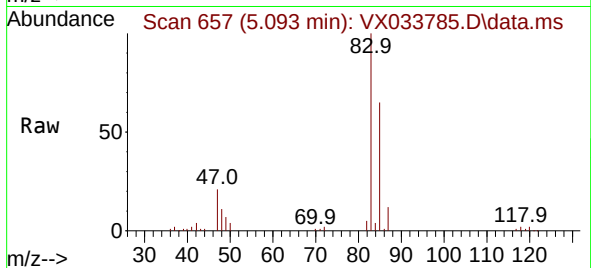
Tgt Ion: 73 Resp: 98262
Ion Ratio Lower Upper
73 100
43 20.5 16.9 25.3





#25
Chloroform
Concen: 21.608 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

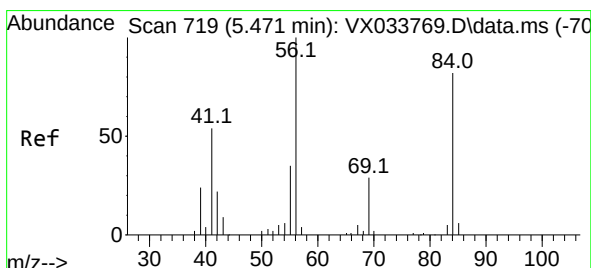
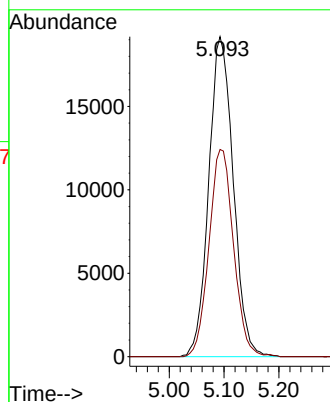
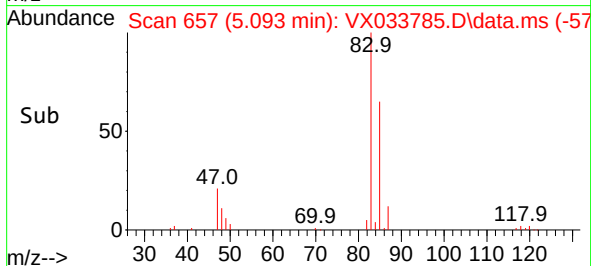
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 5950
Ion Ratio Lower Upper
83 100
85 64.7 49.7 74.5

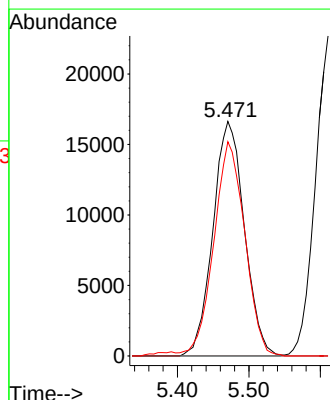
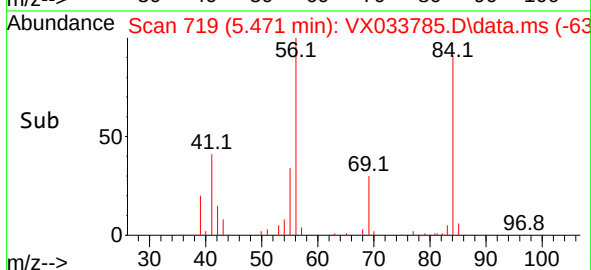
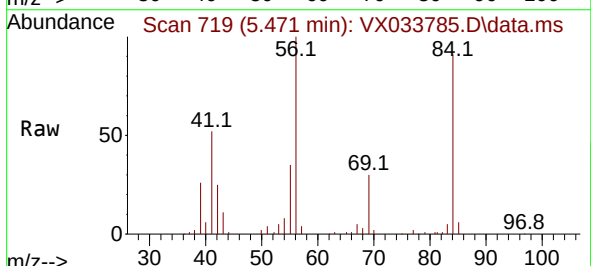
Manual Integrations
APPROVED

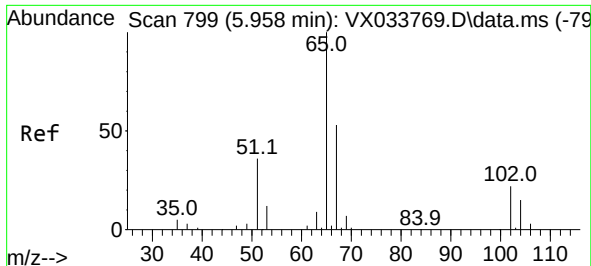
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#26
Cyclohexane
Concen: 20.342 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 56 Resp: 50757
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.1 72.0 108.0





#27

1,2-Dichloroethane-d4

Concen: 30.001 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 3694

Ion Ratio Lower Upper

65 100

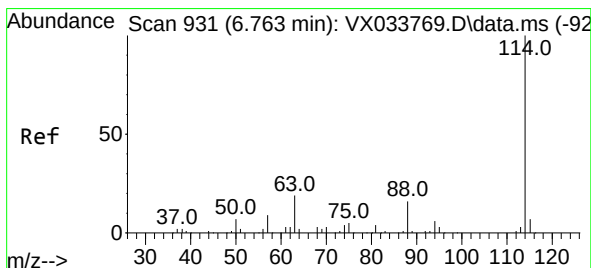
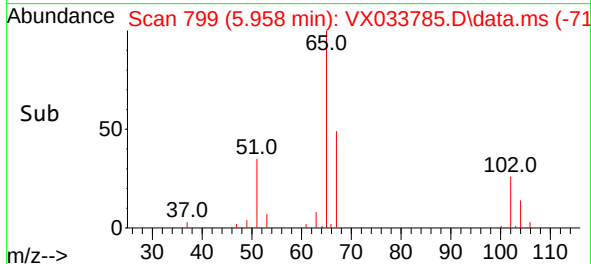
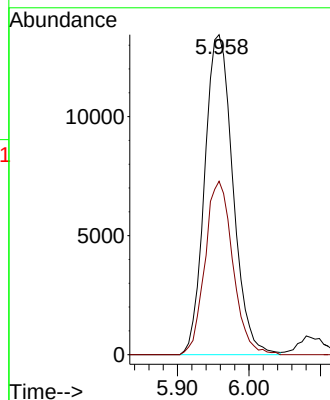
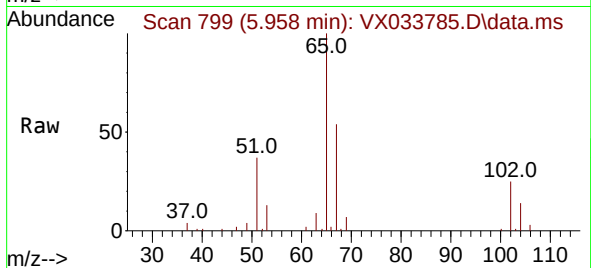
67 53.2 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

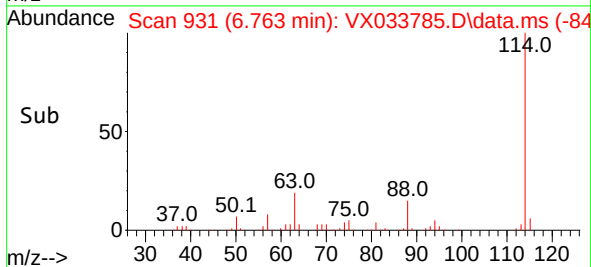
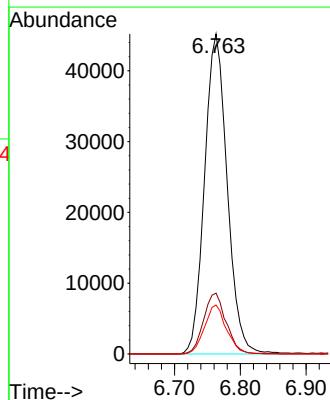
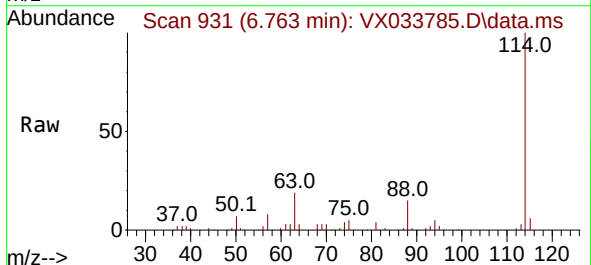
Tgt Ion:114 Resp: 108313

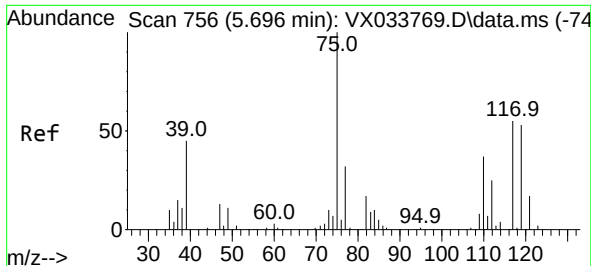
Ion Ratio Lower Upper

114 100

63 18.8 15.2 22.8

88 14.8 12.4 18.6





#29
1,1-Dichloropropene
Concen: 20.563 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

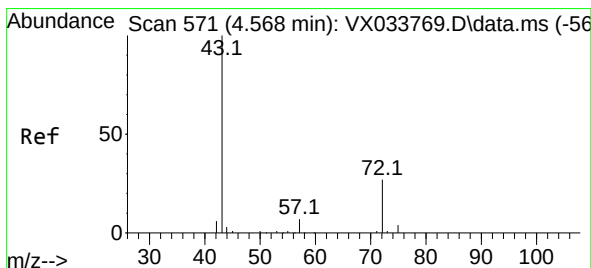
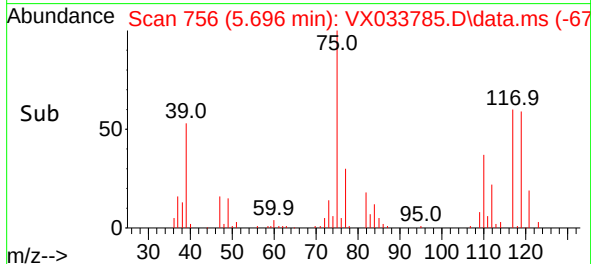
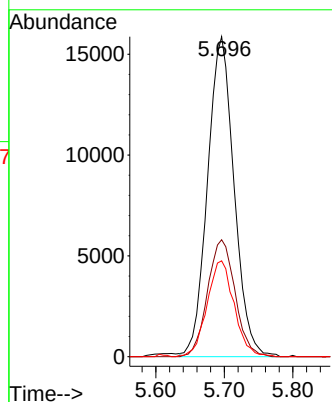
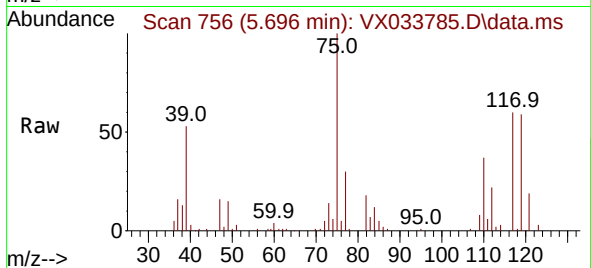
VSTDCCC020EC

Tgt Ion: 75 Resp: 42780
Ion Ratio Lower Upper
75 100
110 37.7 0.0 75.8
77 30.5 0.0 62.4

Manual Integrations

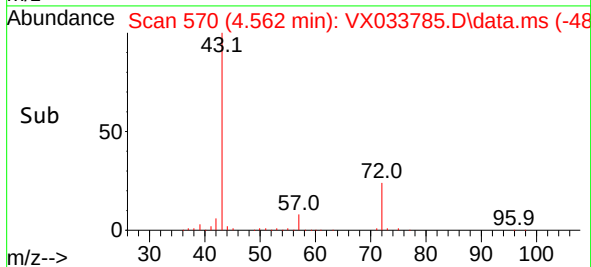
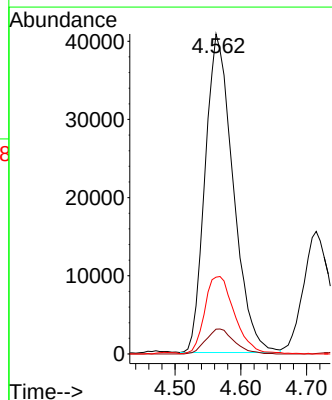
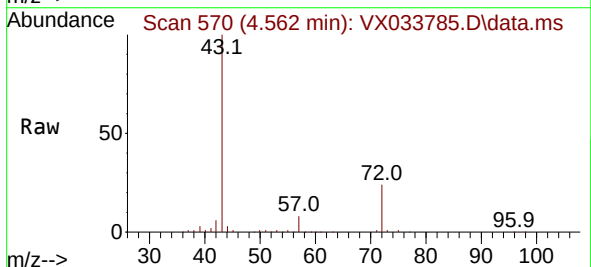
APPROVED

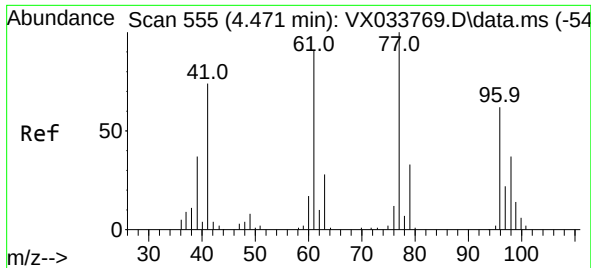
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#30
2-Butanone
Concen: 105.037 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

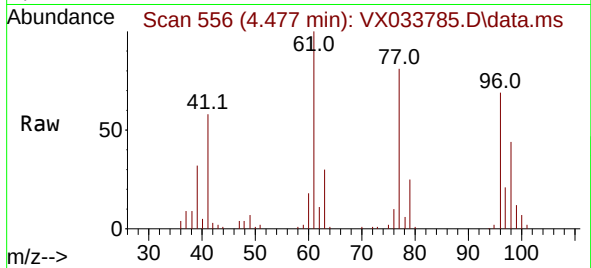
Tgt Ion: 43 Resp: 120730
Ion Ratio Lower Upper
43 100
57 7.9 6.0 9.0
72 25.6 20.6 30.8





#31
2,2-Dichloropropane
Concen: 18.893 ug/l
RT: 4.477 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

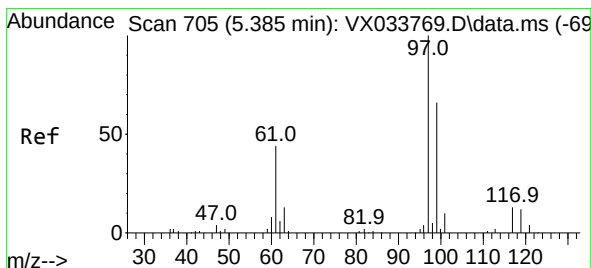
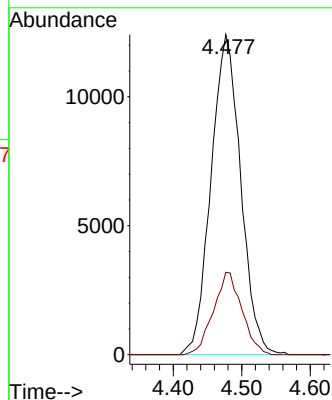
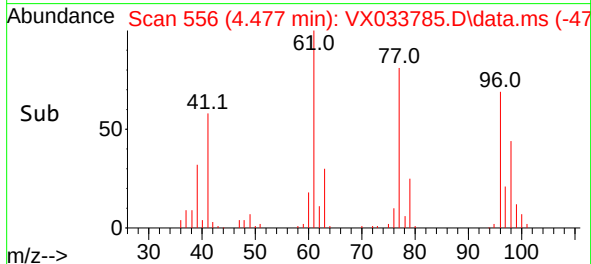
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 37279
Ion Ratio Lower Upper
77 100
97 24.7 19.6 29.4

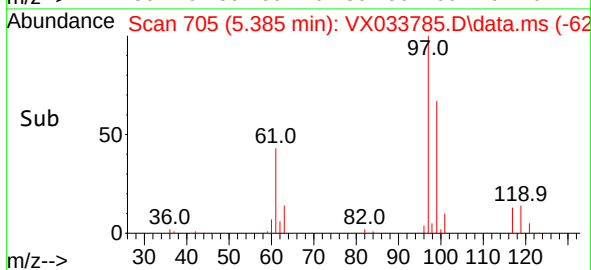
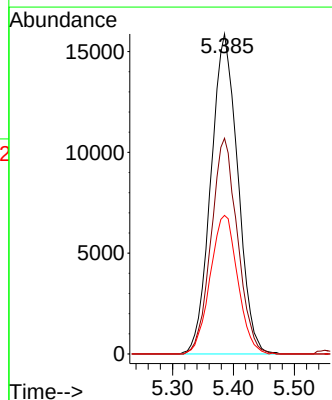
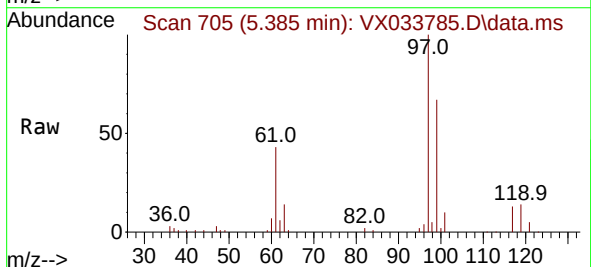
Manual Integrations
APPROVED

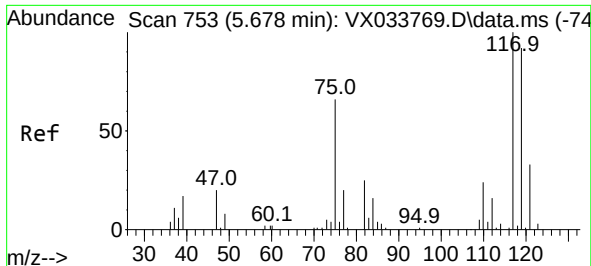
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#32
1,1,1-Trichloroethane
Concen: 20.349 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

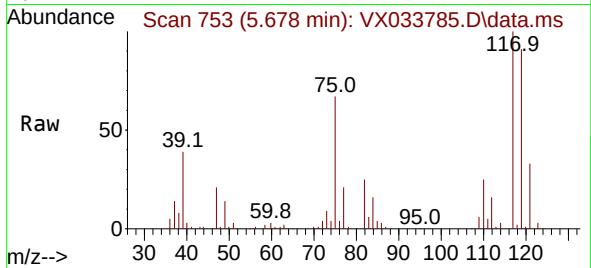
Tgt Ion: 97 Resp: 48752
Ion Ratio Lower Upper
97 100
99 65.8 52.0 78.0
61 44.3 34.7 52.1





#33
Carbon Tetrachloride
Concen: 20.130 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

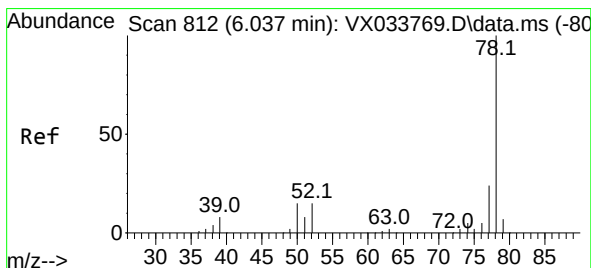
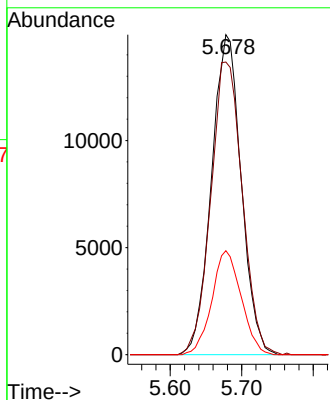
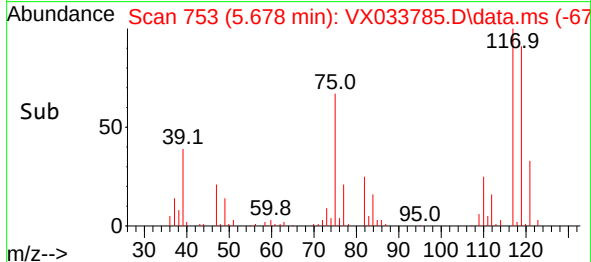
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 4316
Ion Ratio Lower Upper
117 100
119 91.5 73.8 110.6
121 32.5 26.2 39.4

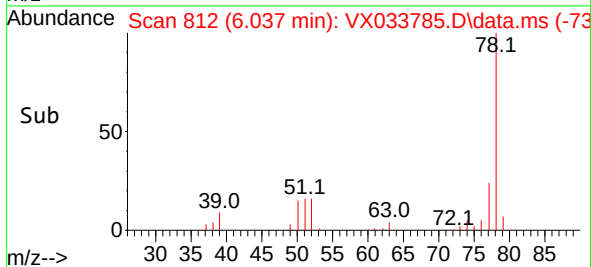
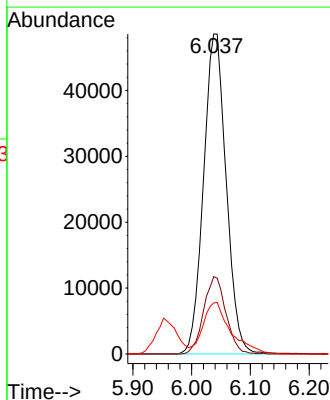
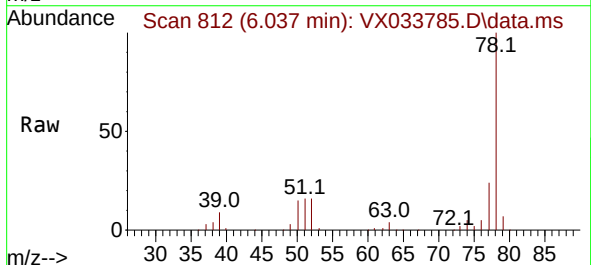
Manual Integrations
APPROVED

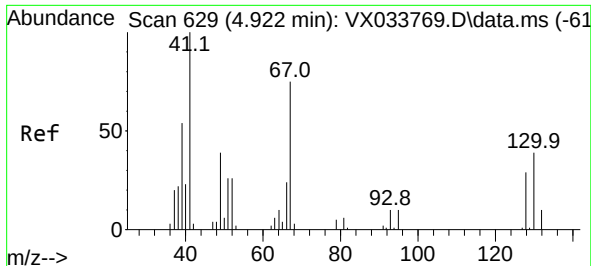
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#34
Benzene
Concen: 21.100 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 78 Resp: 130283
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3
51 15.8 11.9 17.9





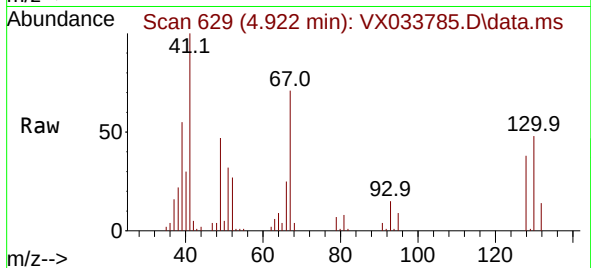
#35
Methacrylonitrile
Concen: 21.203 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



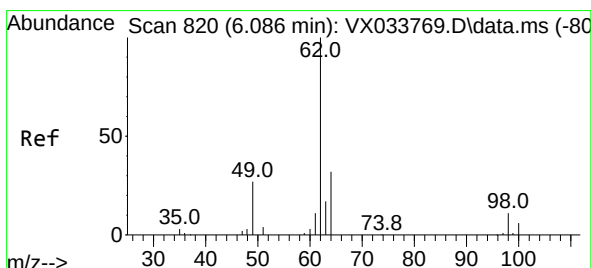
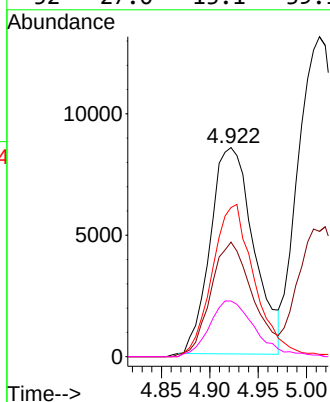
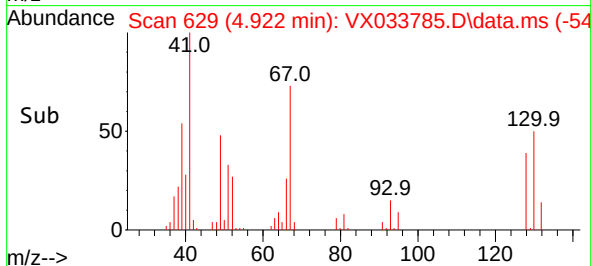
Tgt Ion:	41	Resp:	26540
Ion	Ratio	Lower	Upper
41	100		
39	54.5	27.0	80.8
67	72.4	37.3	111.8
52	27.0	13.1	39.1

Manual Integrations

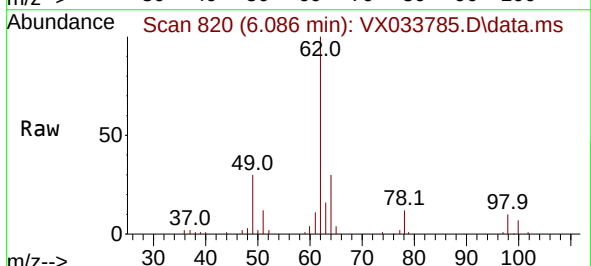
APPROVED

Reviewed By :John Carlone 01/19/2023

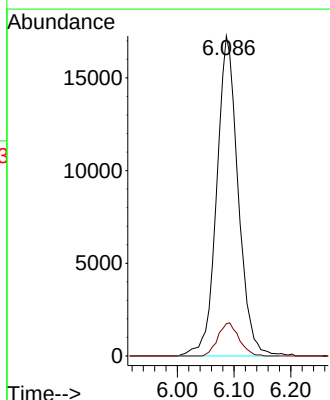
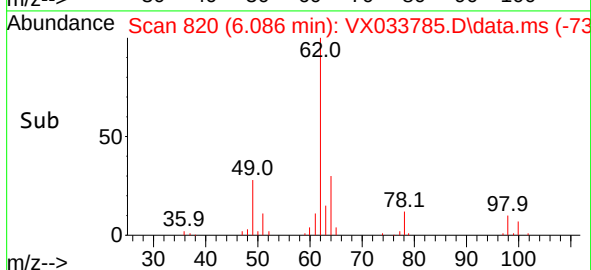
Supervised By :Mahesh Dadoda 01/19/2023

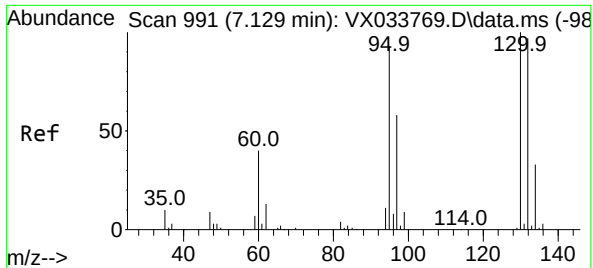


#36
1,2-Dichloroethane
Concen: 20.870 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



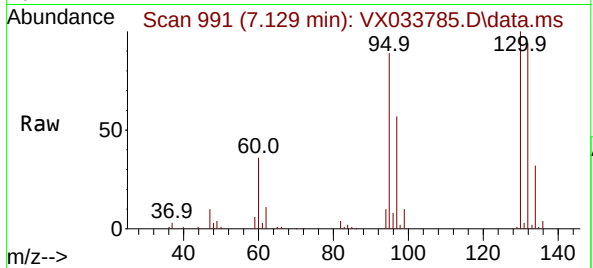
Tgt Ion:	62	Resp:	45327
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.2	12.4





#37
Trichloroethene
Concen: 21.242 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

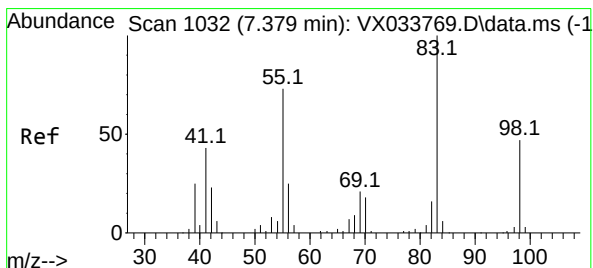
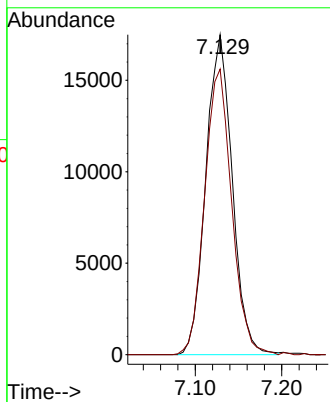
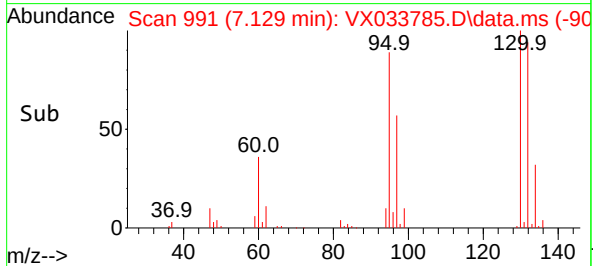
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



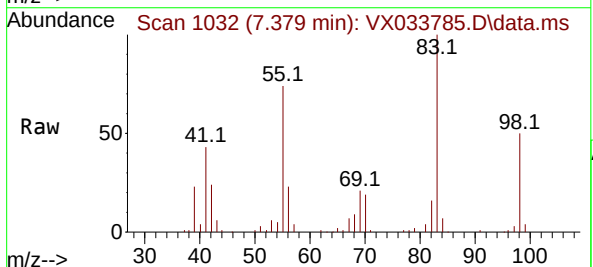
Tgt Ion:130 Resp: 37040
Ion Ratio Lower Upper
130 100
95 89.3 74.1 111.1

Manual Integrations
APPROVED

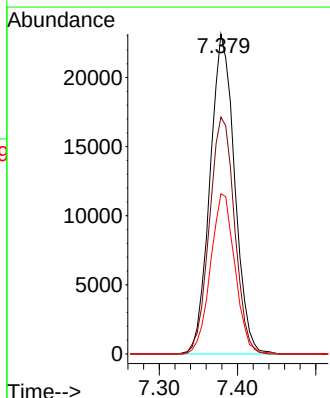
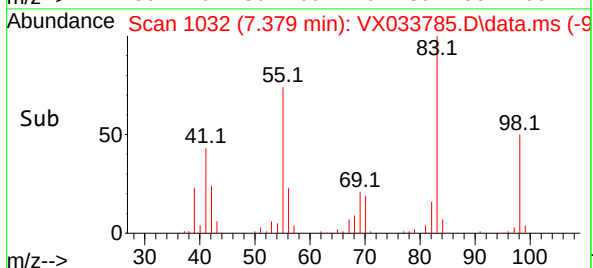
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

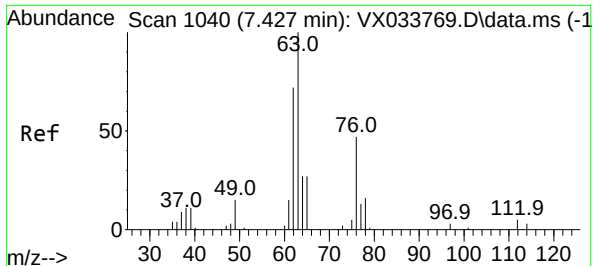


#38
Methylcyclohexane
Concen: 20.228 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



Tgt Ion: 83 Resp: 50633
Ion Ratio Lower Upper
83 100
55 75.3 38.9 116.6
98 49.7 25.4 76.4





#39

1,2-Dichloropropane

Concen: 21.721 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 3283

Ion Ratio Lower Upper

63 100

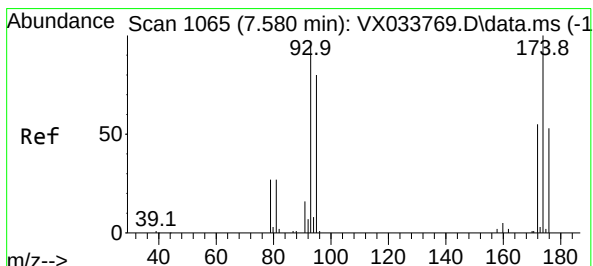
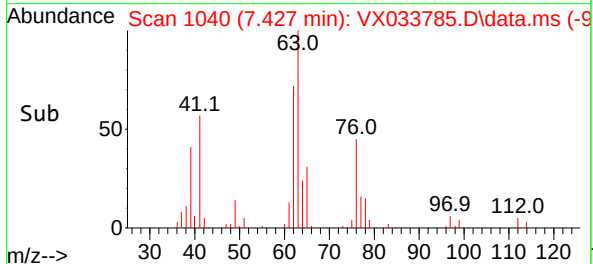
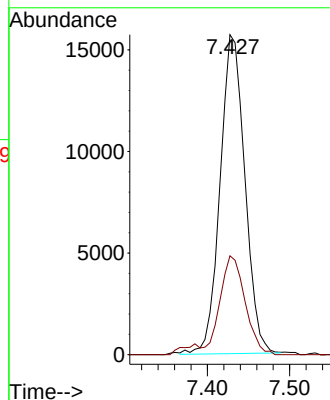
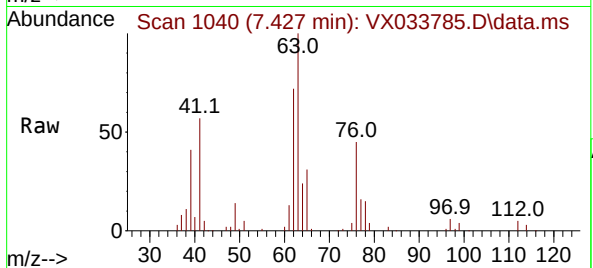
65 31.1 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 21.224 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

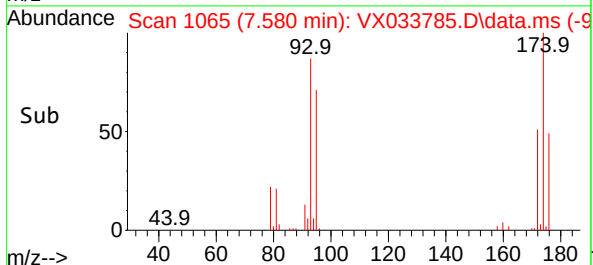
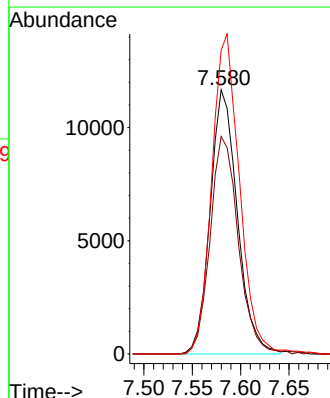
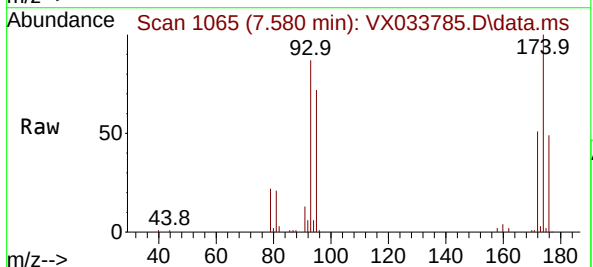
Tgt Ion: 93 Resp: 22803

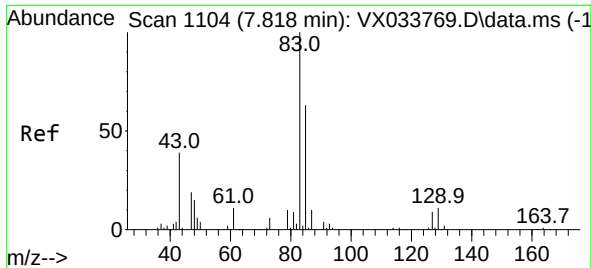
Ion Ratio Lower Upper

93 100

95 85.0 0.0 165.4

174 122.9 0.0 227.2





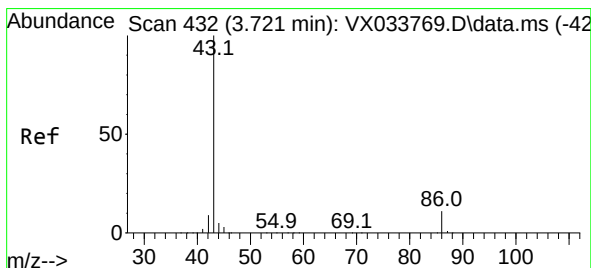
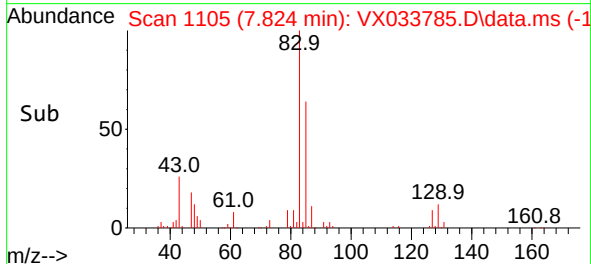
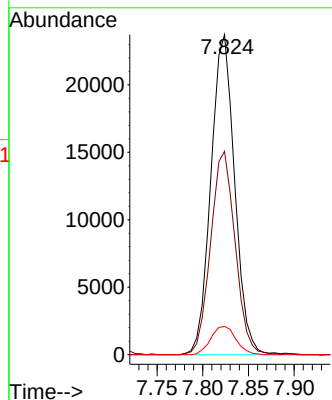
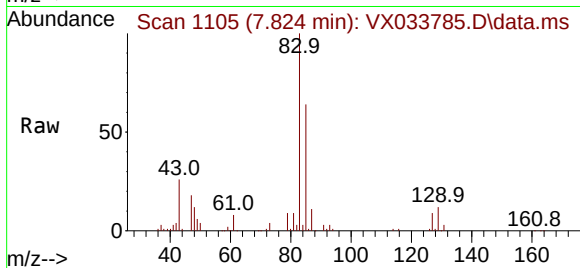
#41
Bromodichloromethane
Concen: 20.912 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 4286
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 8.9 7.2 10.8

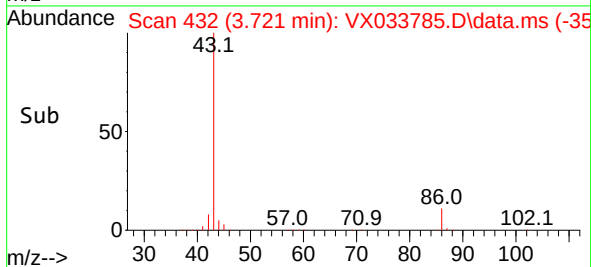
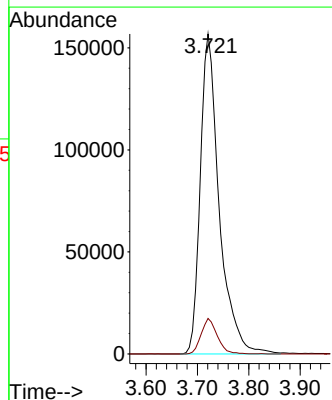
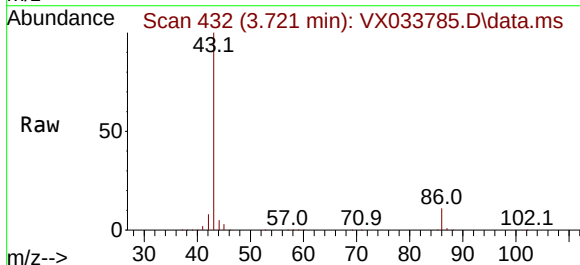
Manual Integrations
APPROVED

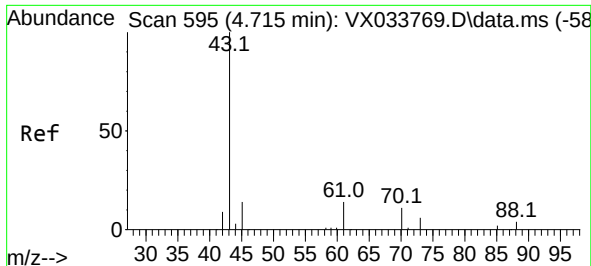
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 103.948 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

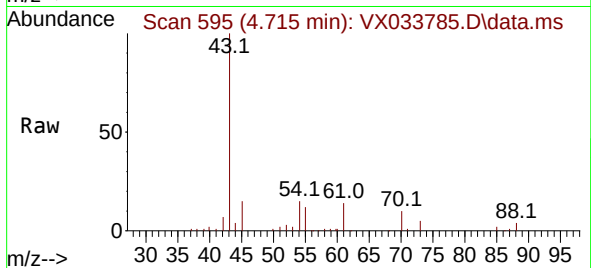
Tgt Ion: 43 Resp: 401448
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3





#43
Ethyl Acetate
Concen: 21.029 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

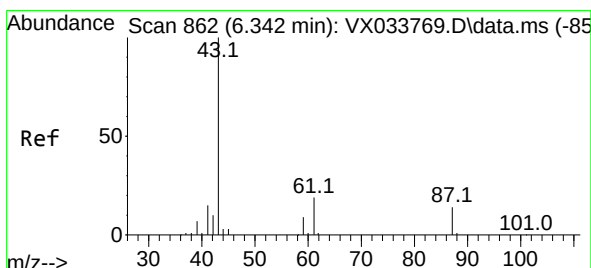
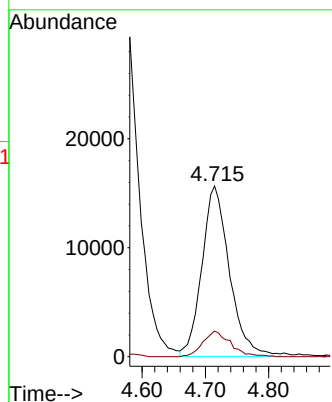
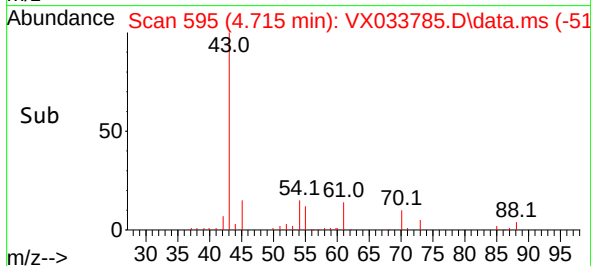
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 47249
Ion Ratio Lower Upper
43 100
45 14.3 12.1 18.1

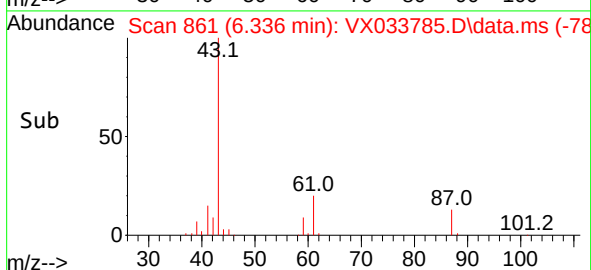
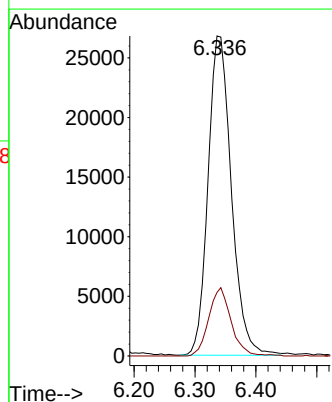
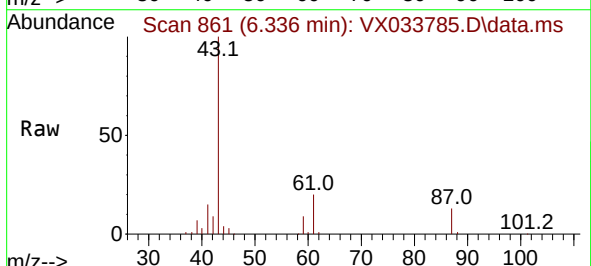
Manual Integrations
APPROVED

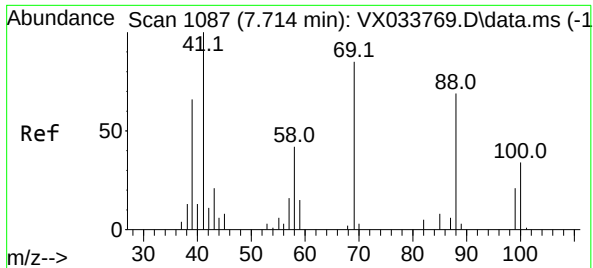
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#44
Isopropyl Acetate
Concen: 20.914 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

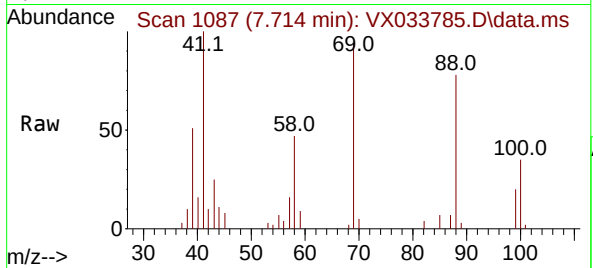
Tgt Ion: 43 Resp: 71455
Ion Ratio Lower Upper
43 100
61 20.3 15.6 23.4





#45
1,4-Dioxane
Concen: 439.883 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. -0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

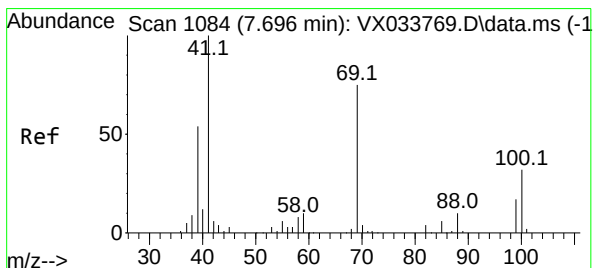
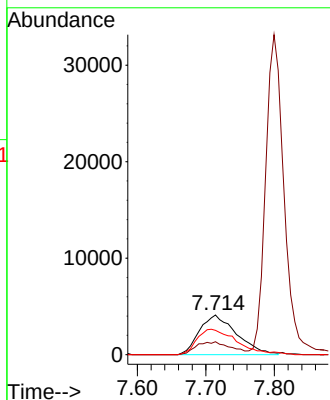
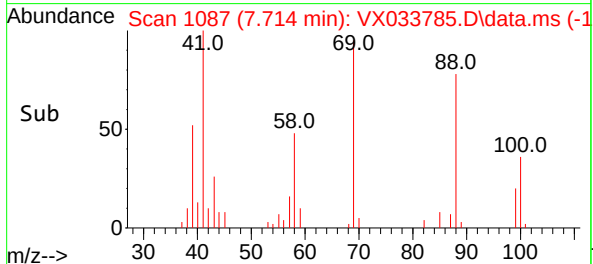
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



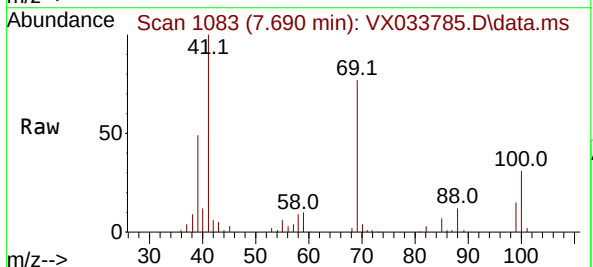
Tgt Ion: 88 Resp: 1553
Ion Ratio Lower Upper
88 100
43 31.0 2.8 4.2
58 67.0 56.5 84.7

Manual Integrations
APPROVED

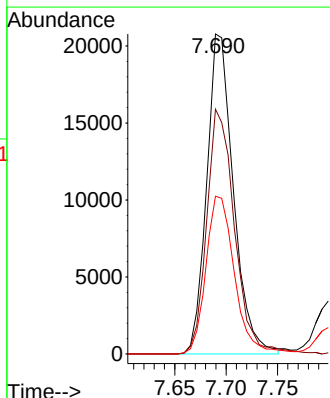
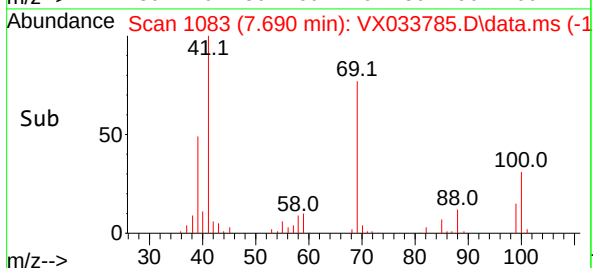
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

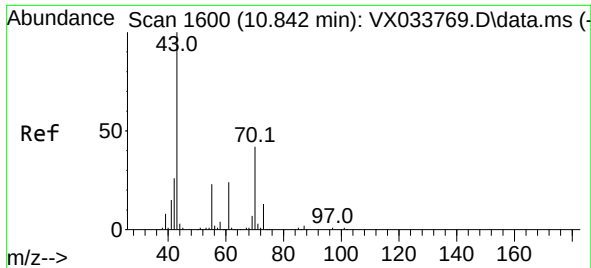


#46
Methyl methacrylate
Concen: 21.641 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



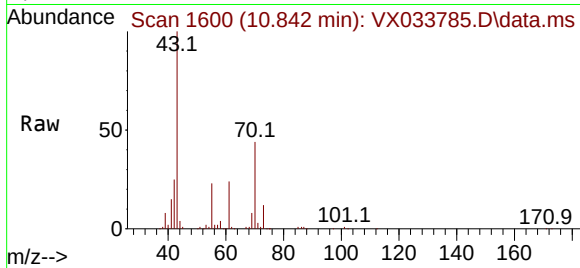
Tgt Ion: 41 Resp: 37542
Ion Ratio Lower Upper
41 100
69 76.5 37.4 112.2
39 49.3 27.2 81.5





#47
n-amy1 Acetate
Concen: 20.487 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

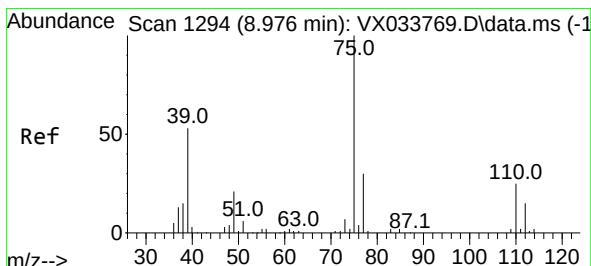
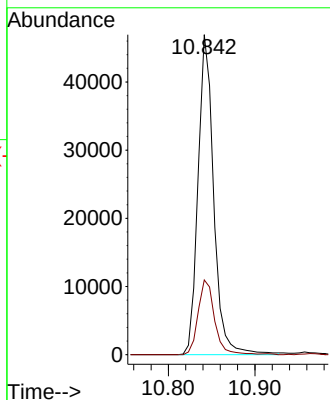
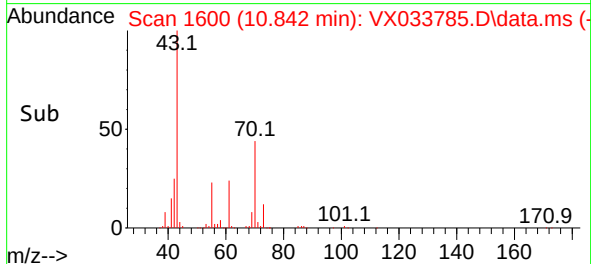
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 59040
Ion Ratio Lower Upper
43 100
55 24.4 19.8 29.6

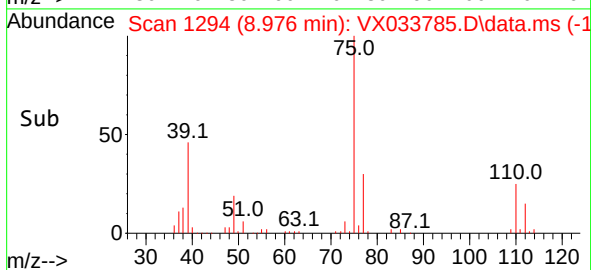
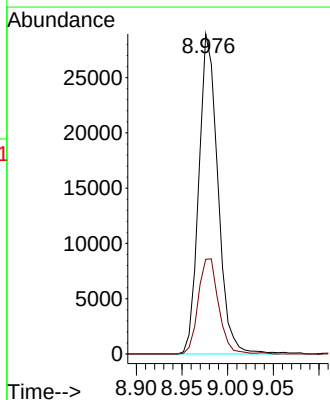
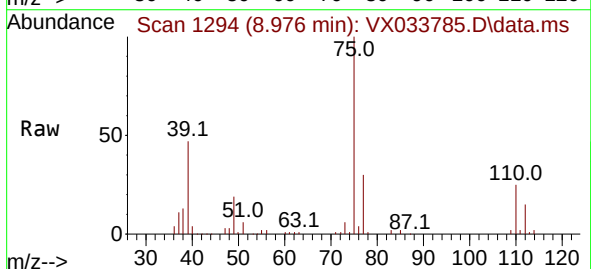
Manual Integrations
APPROVED

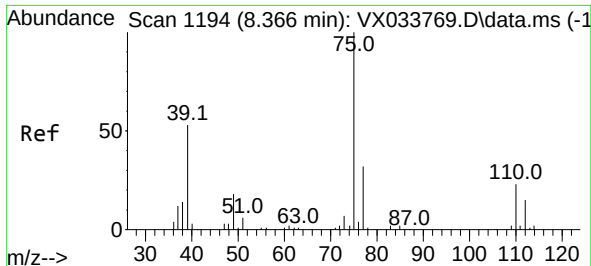
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#48
t-1,3-Dichloropropene
Concen: 19.432 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 75 Resp: 41966
Ion Ratio Lower Upper
75 100
77 29.6 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 19.936 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 48598

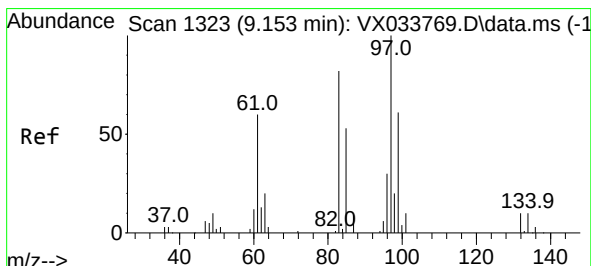
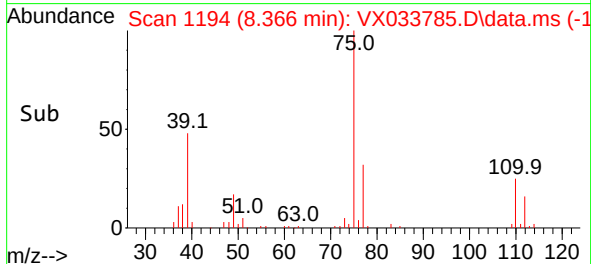
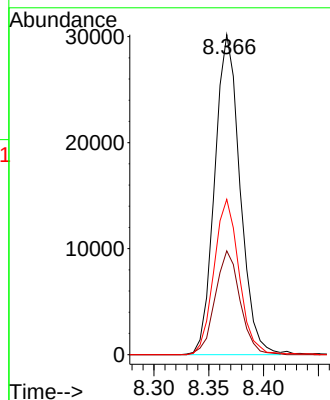
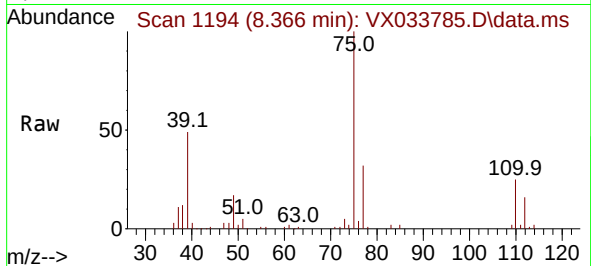
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.8	38.8
39	48.5	42.2	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

1,1,2-Trichloroethane

Concen: 21.567 ug/l

RT: 9.153 min Scan# 1323

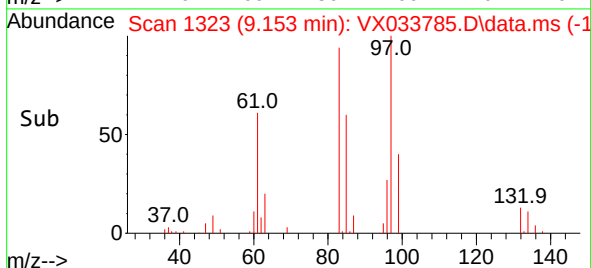
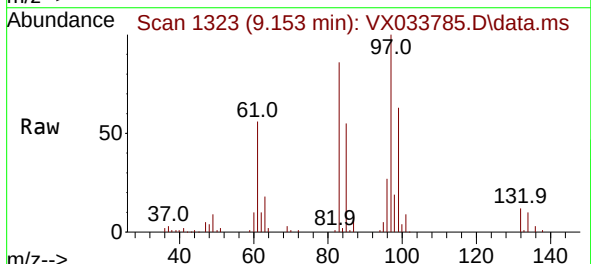
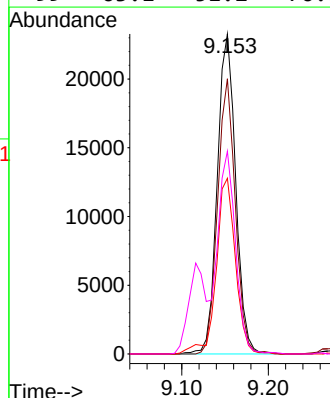
Delta R.T. 0.000 min

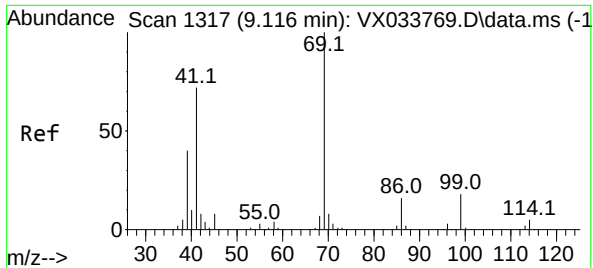
Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Tgt Ion: 97 Resp: 34373

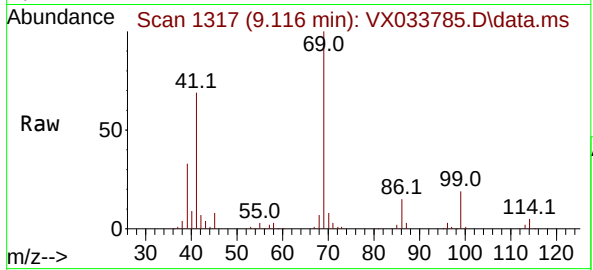
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.4	98.0
85	54.9	42.5	63.7
99	63.1	51.2	76.8





#51
Ethyl methacrylate
Concen: 21.042 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

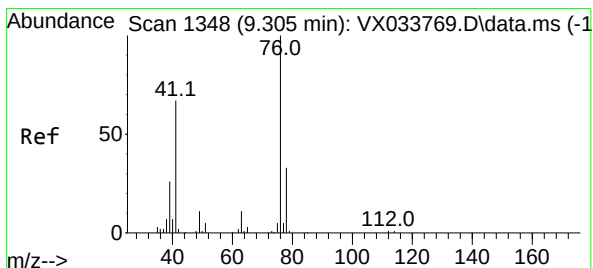
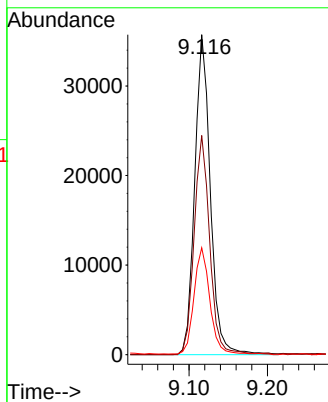
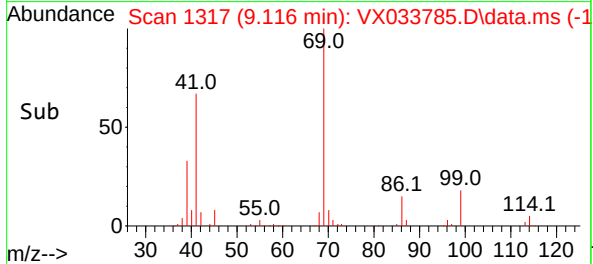
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 4968
Ion Ratio Lower Upper
69 100
41 68.3 35.8 107.3
39 33.4 20.2 60.6

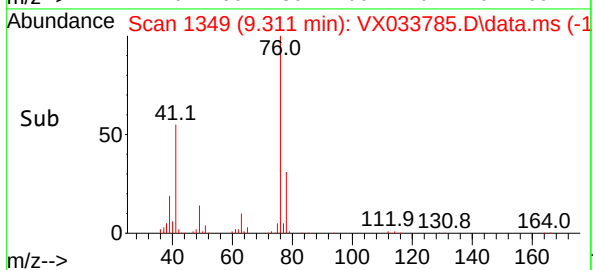
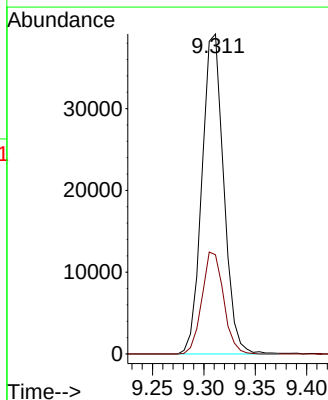
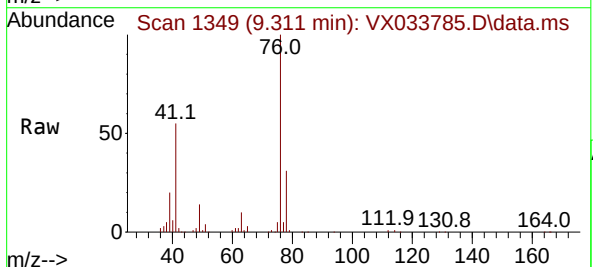
Manual Integrations
APPROVED

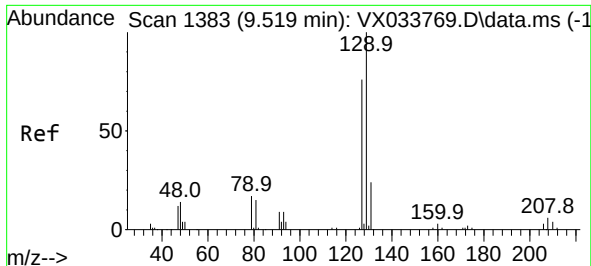
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#52
1,3-Dichloropropane
Concen: 21.515 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 76 Resp: 57789
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.6





#53

Dibromochloromethane

Concen: 20.564 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 35790

Ion Ratio Lower Upper

129 100

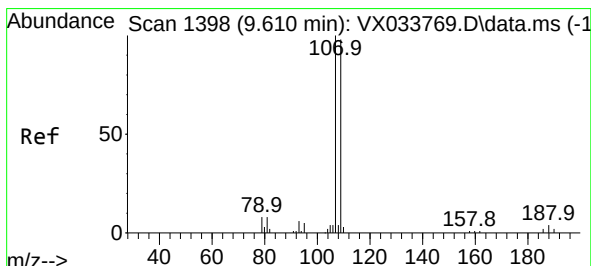
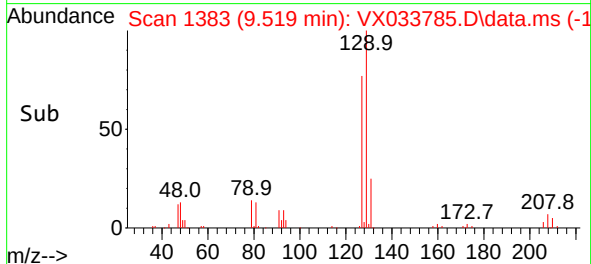
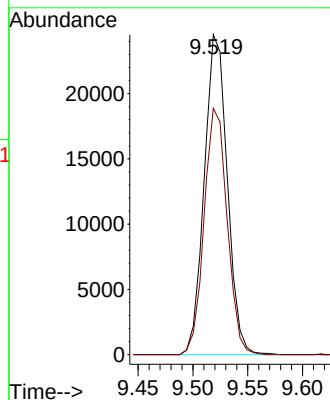
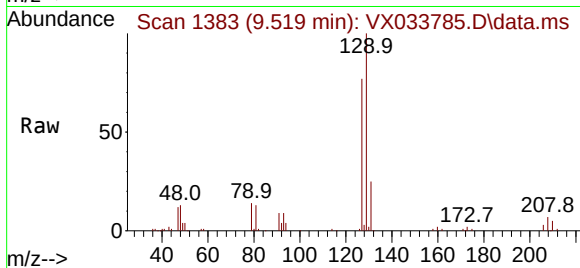
127 76.9 38.6 116.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#54

1,2-Dibromoethane

Concen: 21.007 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX033785.D

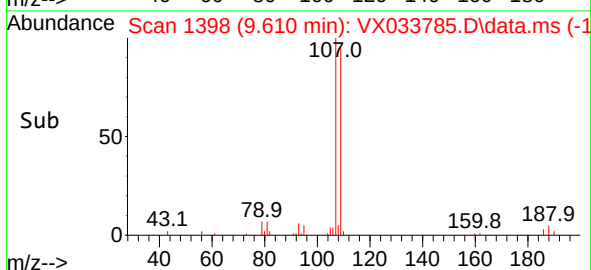
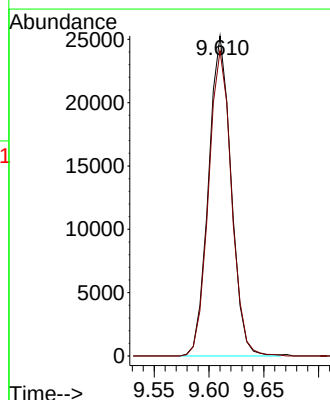
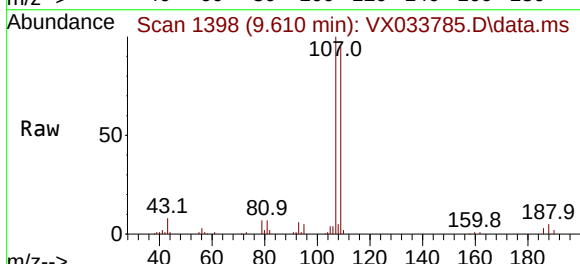
Acq: 18 Jan 2023 19:47

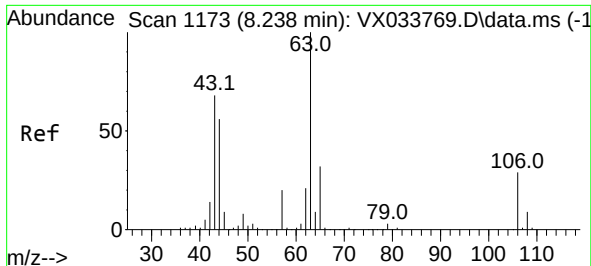
Tgt Ion:107 Resp: 36167

Ion Ratio Lower Upper

107 100

109 96.7 75.7 113.5





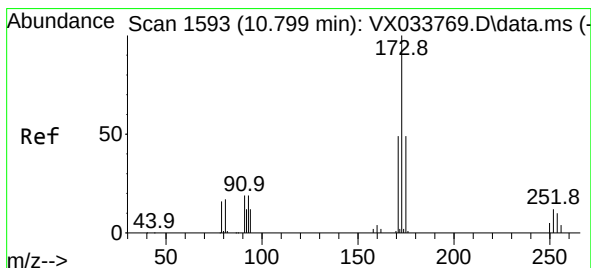
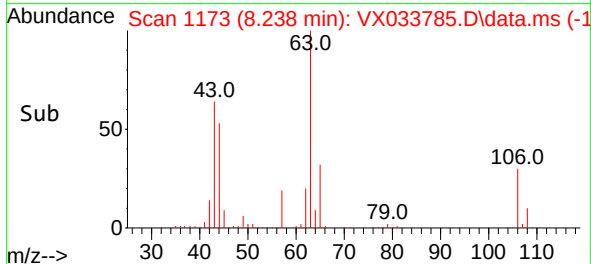
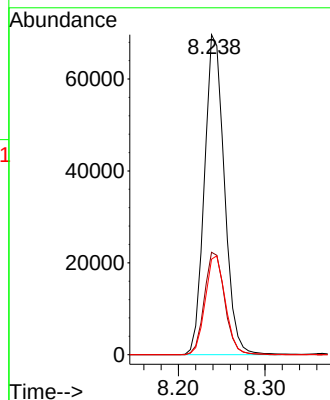
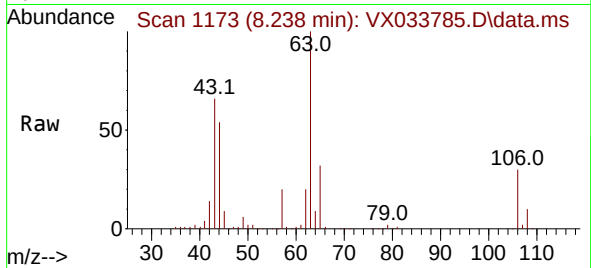
#55
2-Chloroethyl vinyl ether
Concen: 100.586 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 11151
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2
106 31.1 23.9 35.9

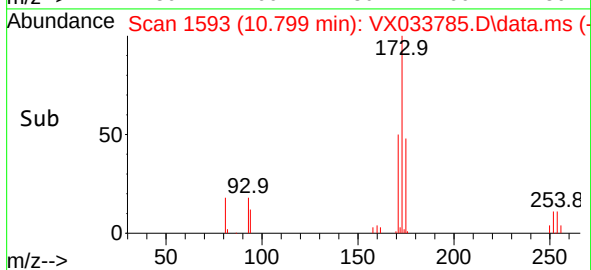
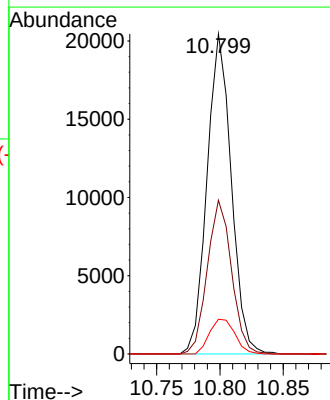
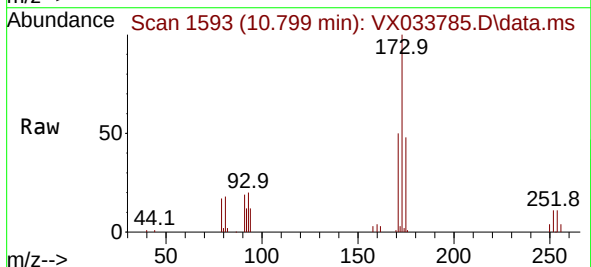
Manual Integrations
APPROVED

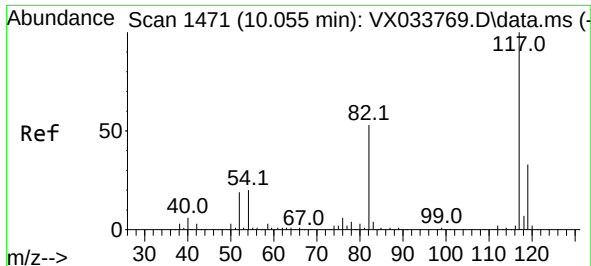
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#56
Bromoform
Concen: 20.170 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion:173 Resp: 27250
Ion Ratio Lower Upper
173 100
175 48.1 39.8 59.6
254 11.4 9.0 13.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 11815

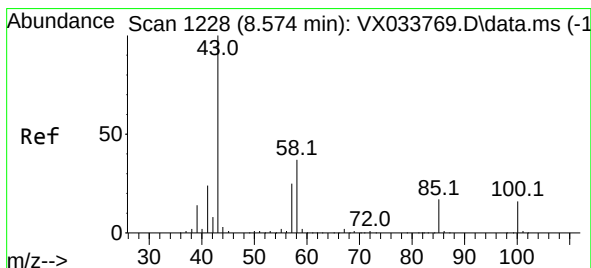
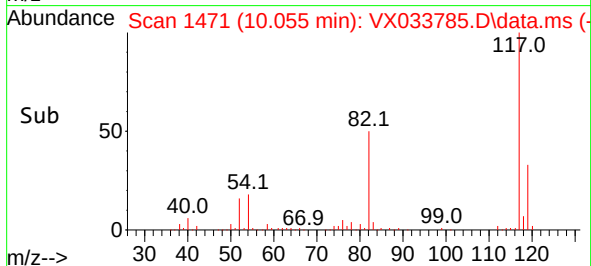
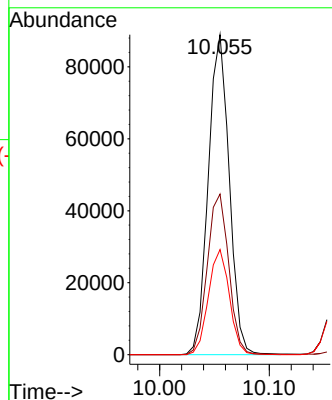
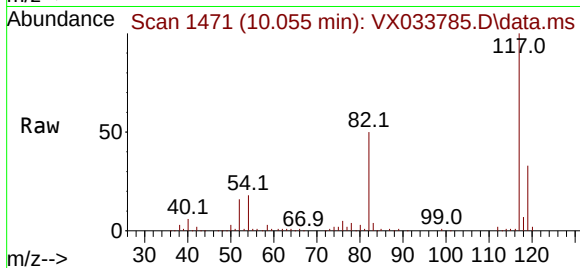
Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.6	64.0
119	32.9	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

4-Methyl-2-Pentanone

Concen: 111.128 ug/l

RT: 8.574 min Scan# 1228

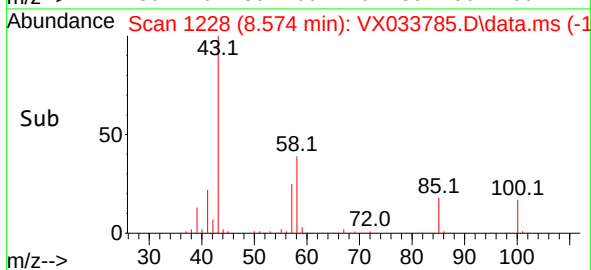
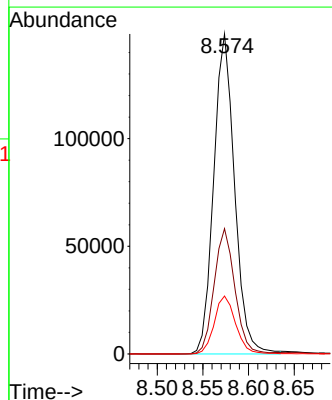
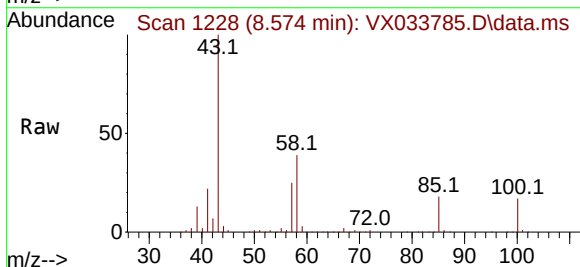
Delta R.T. 0.000 min

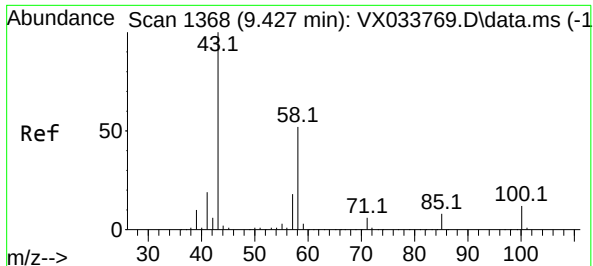
Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Tgt Ion: 43 Resp: 236016

Ion	Ratio	Lower	Upper
43	100		
58	38.9	29.8	44.6
85	18.5	13.7	20.5





#59

2-Hexanone

Concen: 108.285 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 17279

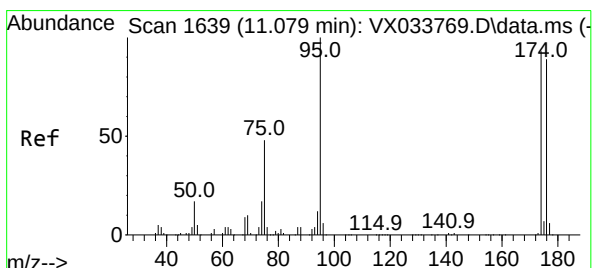
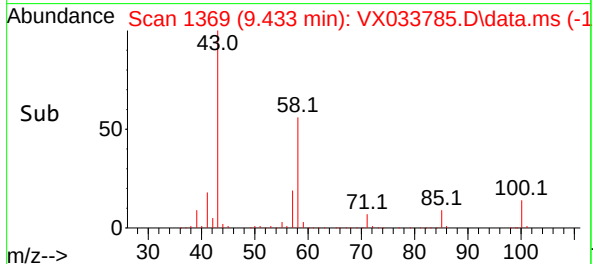
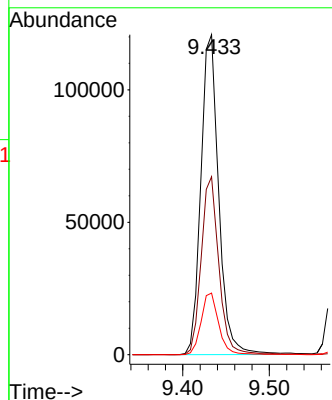
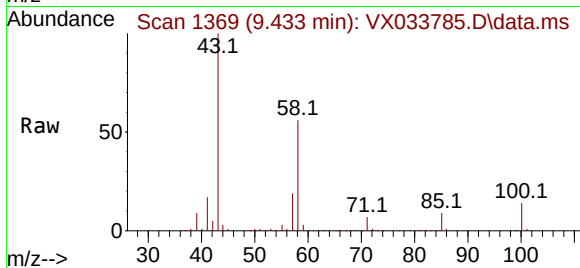
Ion	Ratio	Lower	Upper
43	100		
58	54.7	41.6	62.4
57	19.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#60

4-Bromofluorobenzene

Concen: 30.003 ug/l

RT: 11.079 min Scan# 1639

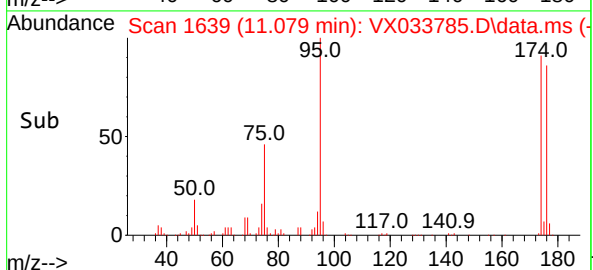
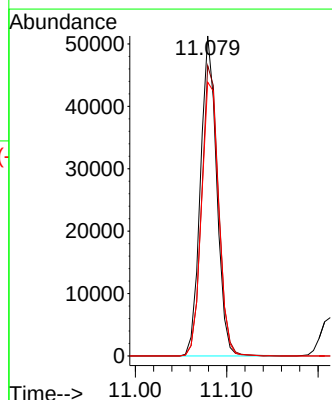
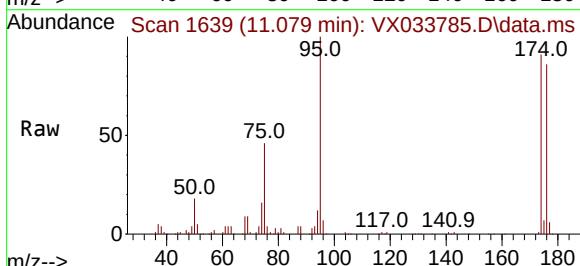
Delta R.T. 0.000 min

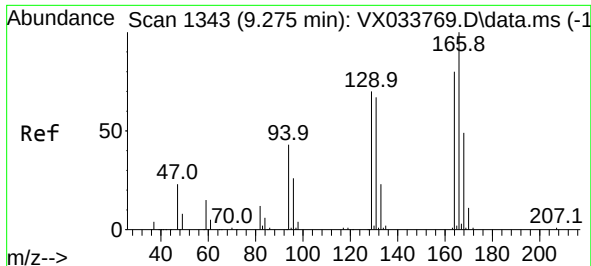
Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Tgt Ion: 95 Resp: 63375

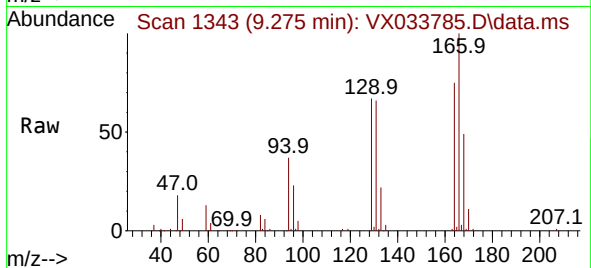
Ion	Ratio	Lower	Upper
95	100		
174	94.0	74.6	111.8
176	91.1	72.2	108.2





#61
Tetrachloroethene
Concen: 21.367 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

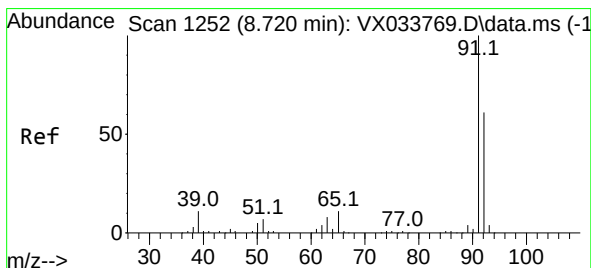
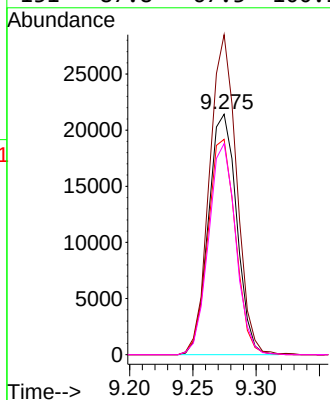
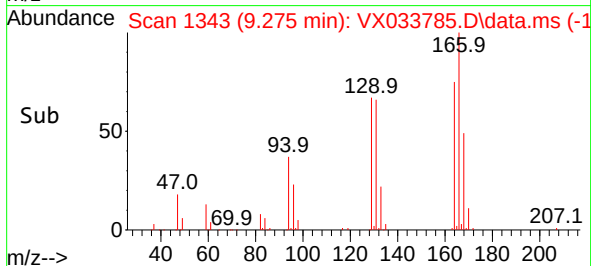
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 33244
Ion Ratio Lower Upper
164 100
166 133.0 100.6 151.0
129 89.5 69.9 104.9
131 87.8 67.3 100.9

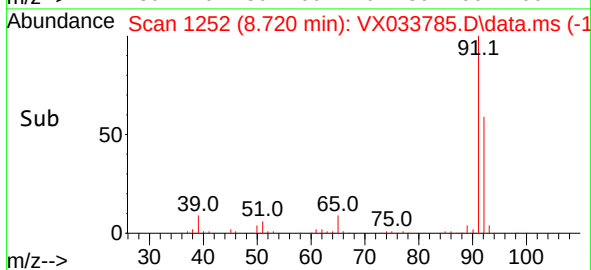
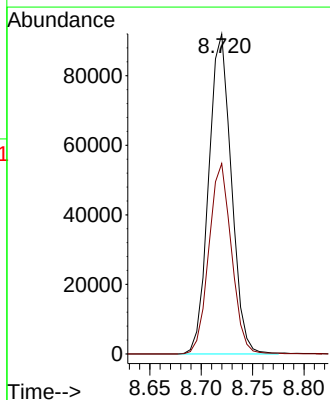
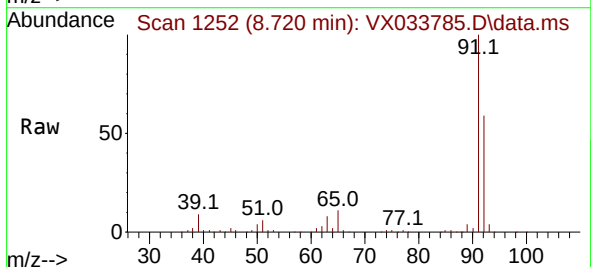
Manual Integrations
APPROVED

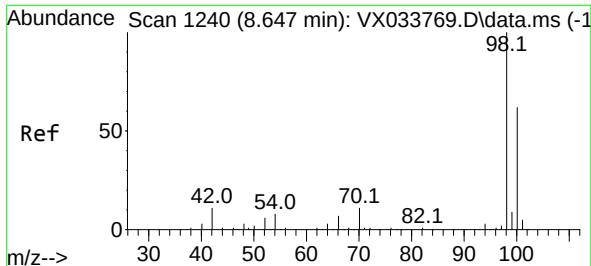
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 21.336 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 91 Resp: 141014
Ion Ratio Lower Upper
91 100
92 59.4 47.5 71.3





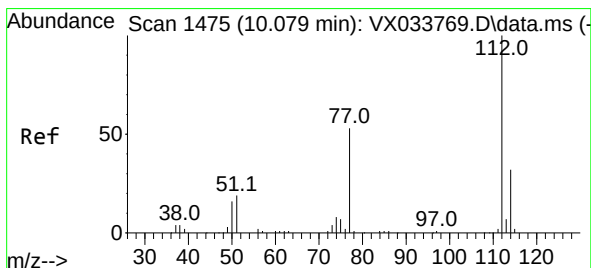
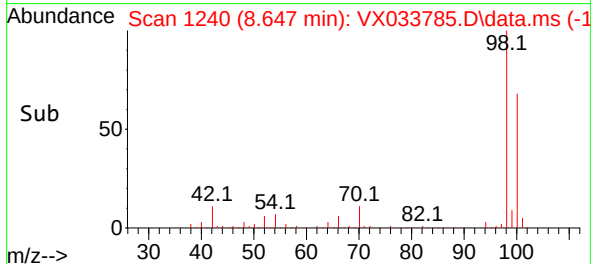
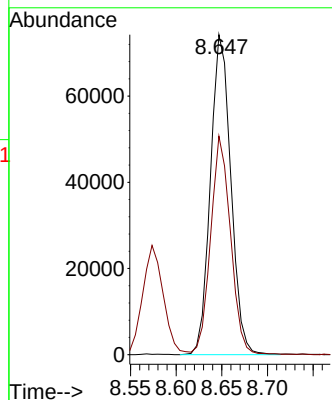
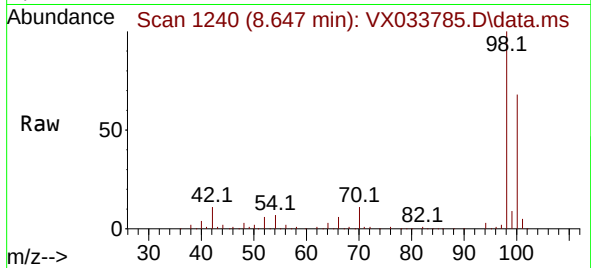
#63
Toluene-d8
Concen: 30.602 ug/l
RT: 8.647 min Scan# 11536
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 11536
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1

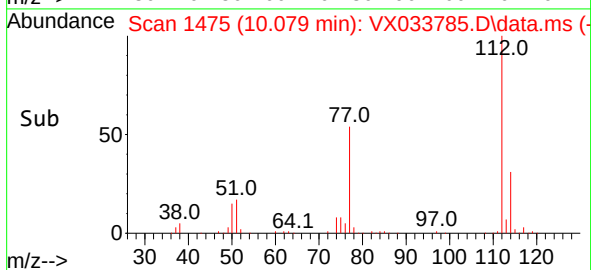
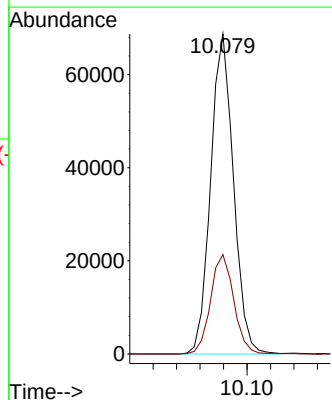
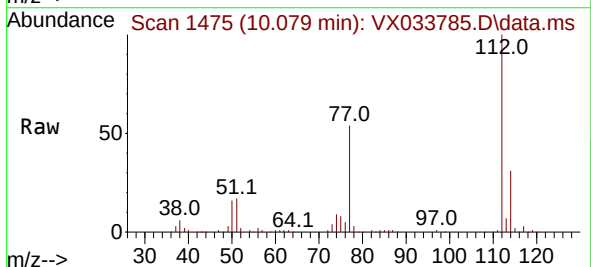
Manual Integrations
APPROVED

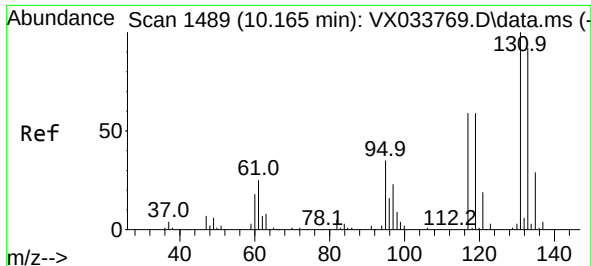
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#64
Chlorobenzene
Concen: 20.991 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

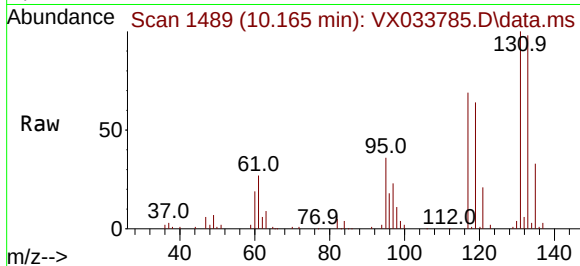
Tgt Ion:112 Resp: 92490
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 20.655 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

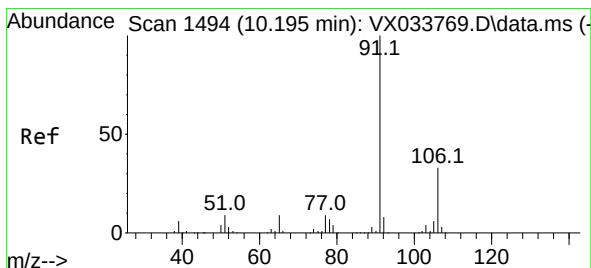
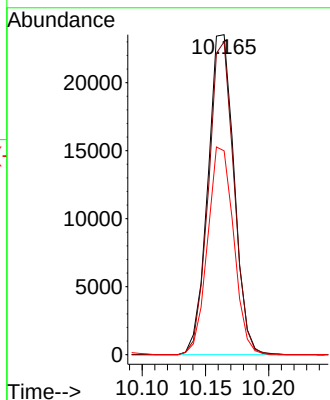
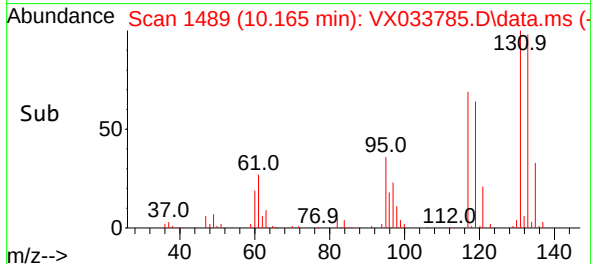
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 33889
Ion Ratio Lower Upper
131 100
133 95.1 0.0 188.8
119 64.5 0.0 123.4

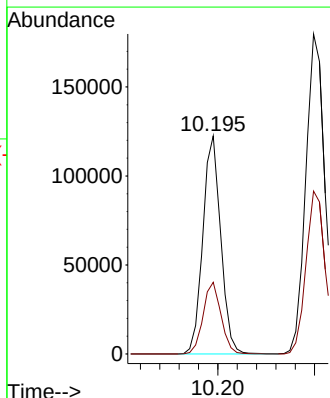
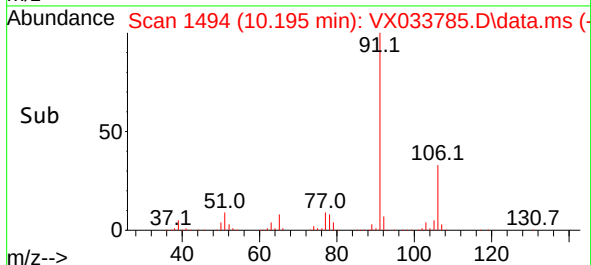
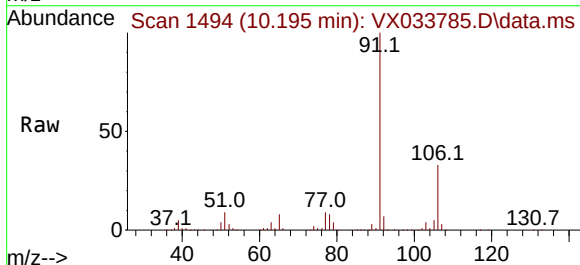
Manual Integrations
APPROVED

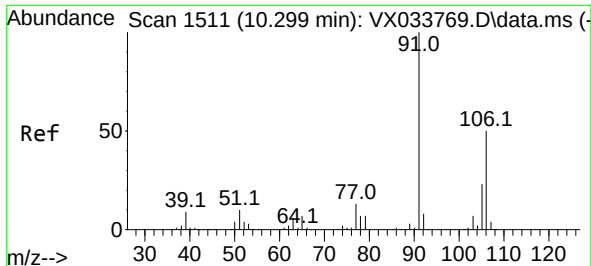
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#66
Ethyl Benzene
Concen: 20.871 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Tgt Ion: 91 Resp: 157866
Ion Ratio Lower Upper
91 100
106 32.9 26.7 40.1





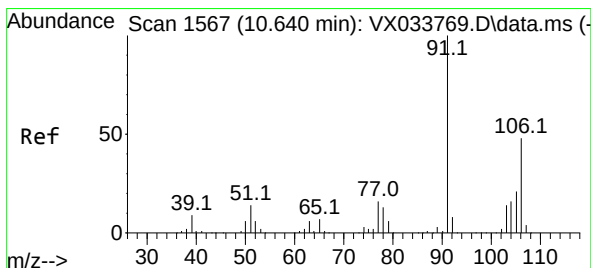
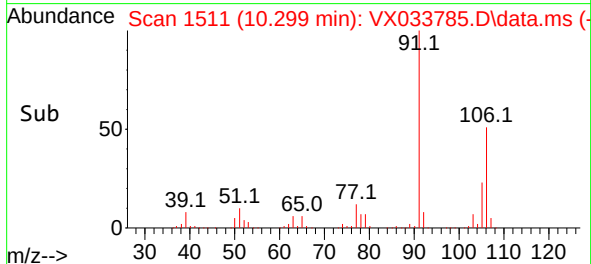
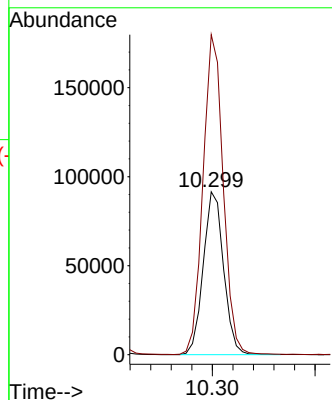
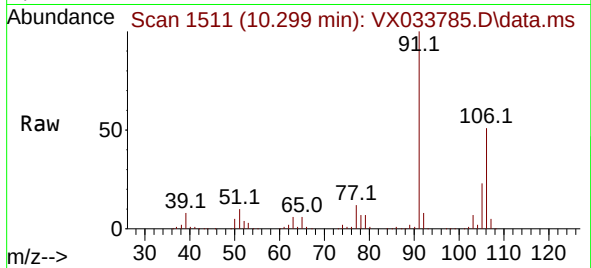
#67
m/p-Xylenes
Concen: 42.110 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 12578
Ion Ratio Lower Upper
106 100
91 195.3 159.7 239.5

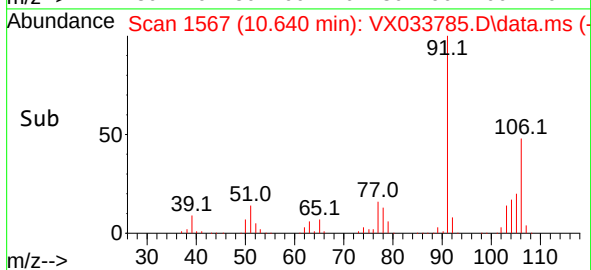
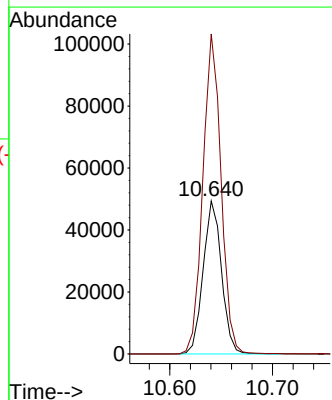
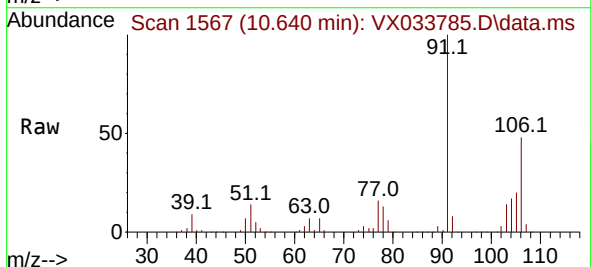
Manual Integrations
APPROVED

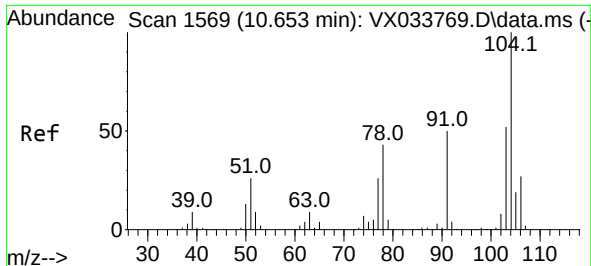
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
o-Xylene
Concen: 20.784 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

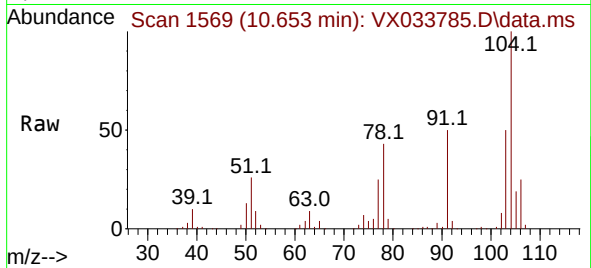
Tgt Ion:106 Resp: 61563
Ion Ratio Lower Upper
106 100
91 206.9 102.8 308.5





#69
Styrene
Concen: 20.942 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

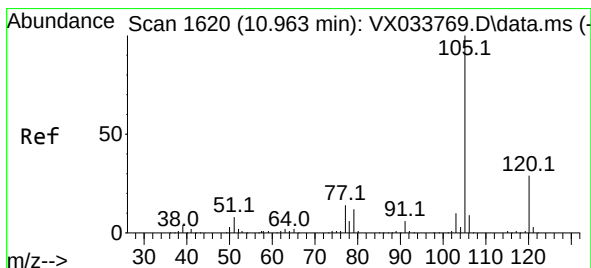
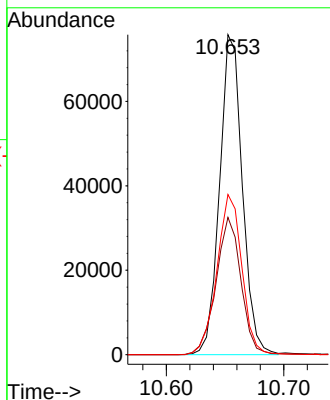
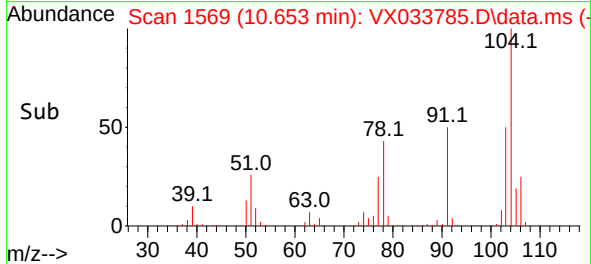
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



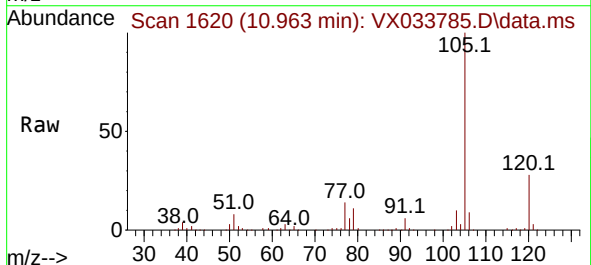
Tgt Ion:104 Resp: 102030
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 55.0 44.2 66.4

Manual Integrations
APPROVED

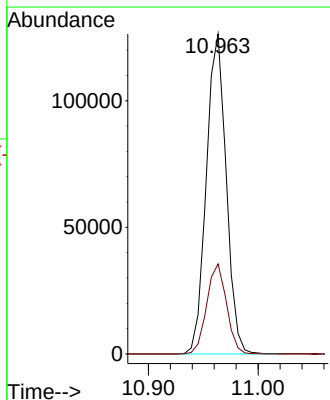
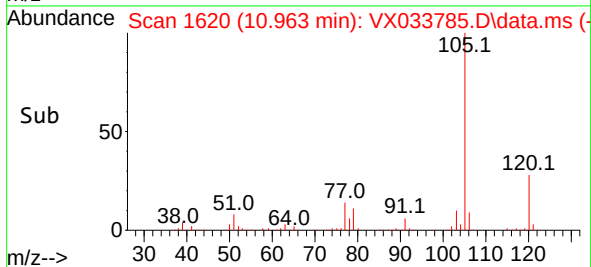
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

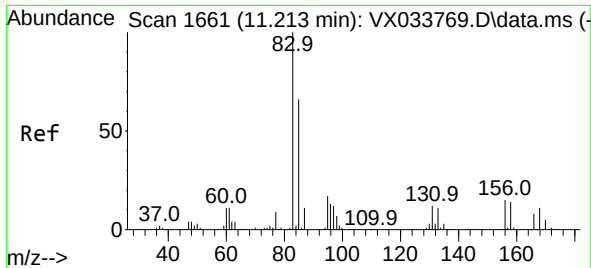


#70
Isopropylbenzene
Concen: 20.868 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



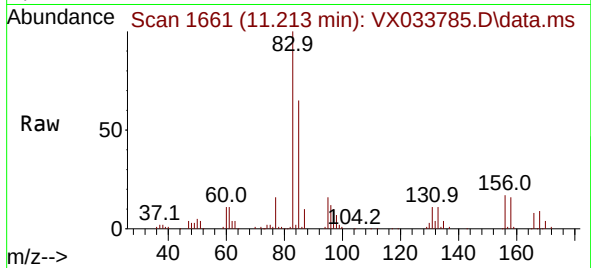
Tgt Ion:105 Resp: 159221
Ion Ratio Lower Upper
105 100
120 27.9 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 22.247 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

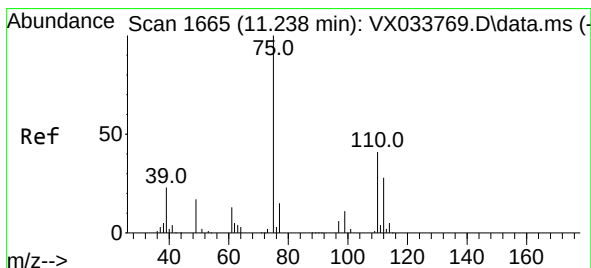
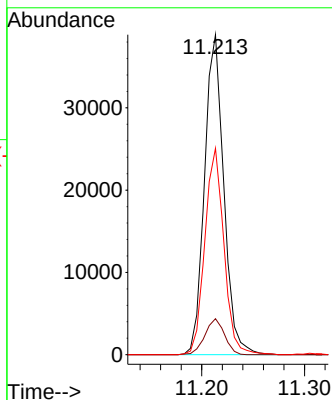
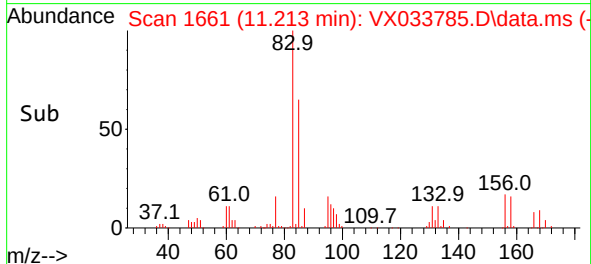
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



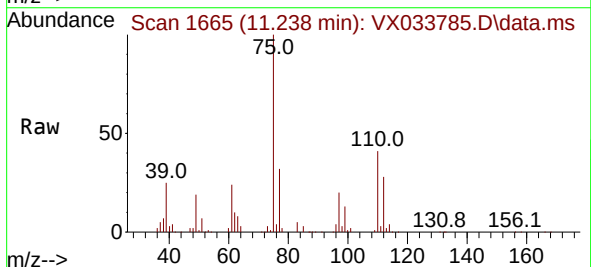
Tgt Ion: 83 Resp: 5089
Ion Ratio Lower Upper
83 100
131 11.4 5.7 17.0
85 63.9 33.3 99.8

Manual Integrations
APPROVED

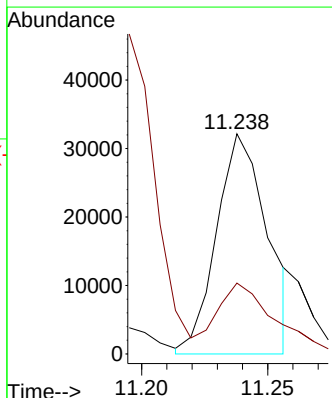
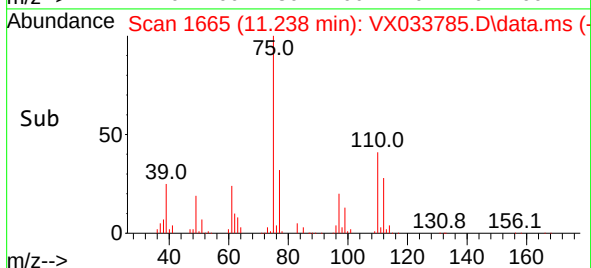
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

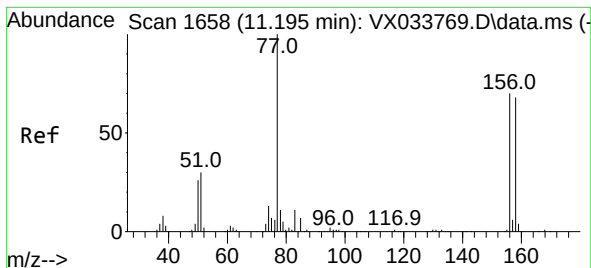


#72
1,2,3-Trichloropropane
Concen: 21.670 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



Tgt Ion: 75 Resp: 45171
Ion Ratio Lower Upper
75 100
77 37.1 0.0 75.6





#73

Bromobenzene

Concen: 21.265 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

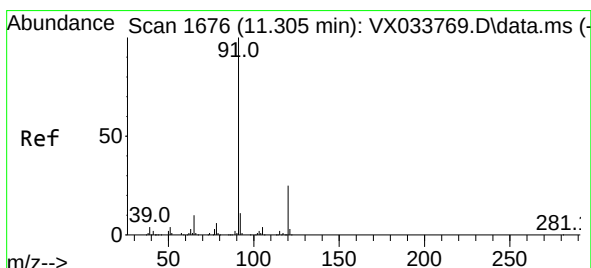
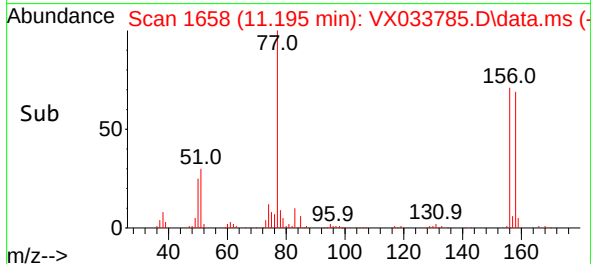
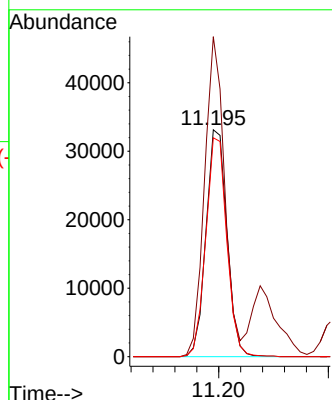
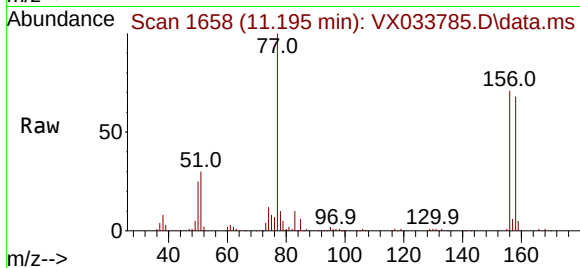
Tgt Ion:	156	Resp:	4394
Ion Ratio	Lower	Upper	
156	100		
77	134.3	0.0	269.4
158	96.9	0.0	192.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#74

n-propylbenzene

Concen: 20.454 ug/l

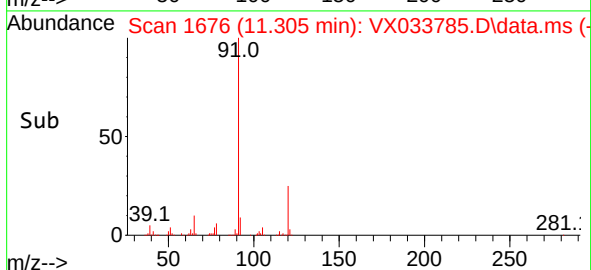
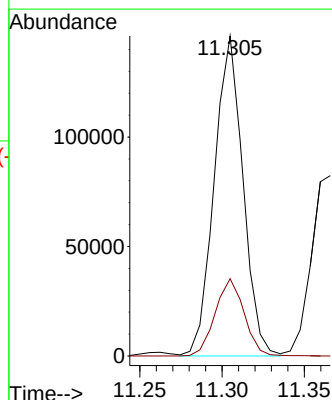
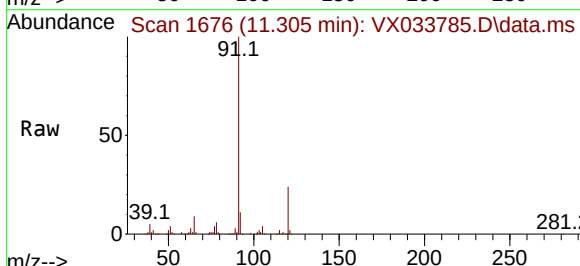
RT: 11.305 min Scan# 1676

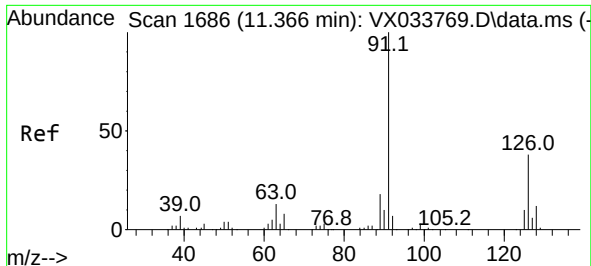
Delta R.T. 0.000 min

Lab File: VX033785.D

Acq: 18 Jan 2023 19:47

Tgt Ion:	91	Resp:	177286
Ion Ratio	Lower	Upper	
91	100		
120	24.3	0.0	48.8





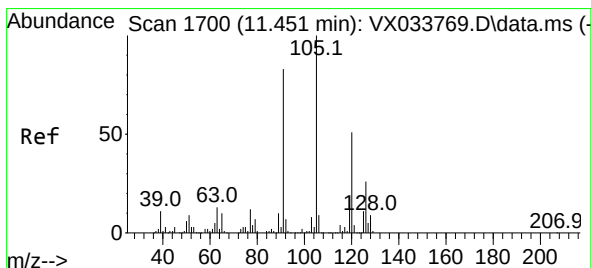
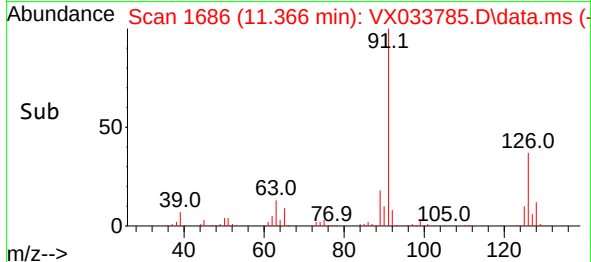
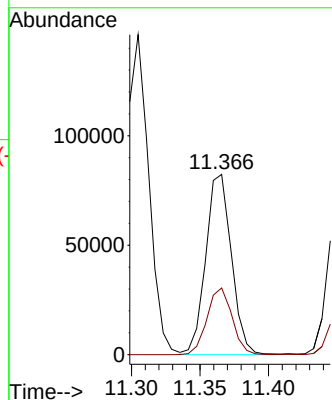
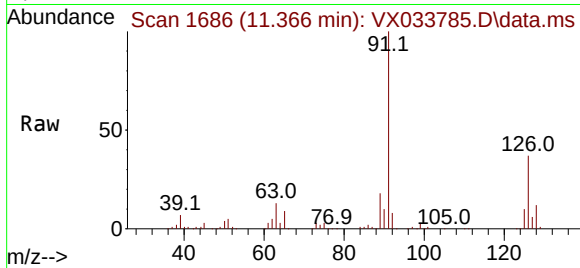
#75
2-Chlorotoluene
Concen: 20.880 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 107658
Ion Ratio Lower Upper
91 100
126 36.0 0.0 73.0

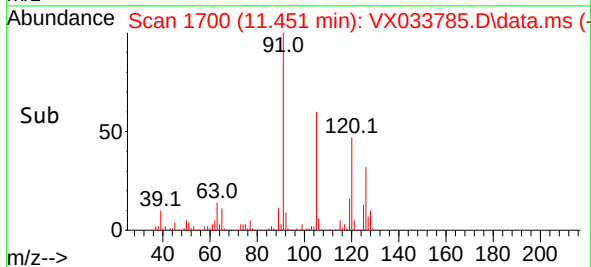
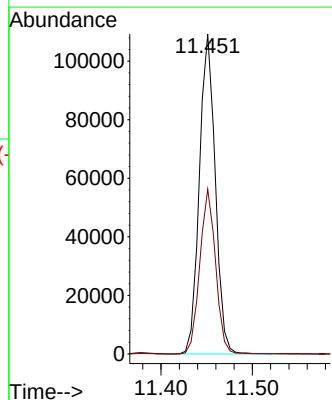
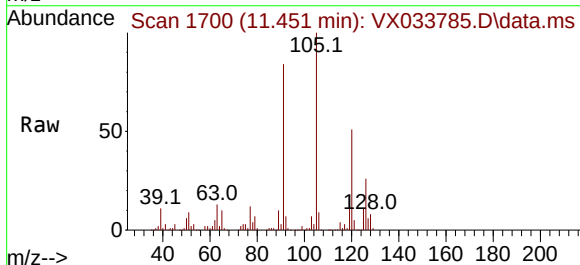
Manual Integrations
APPROVED

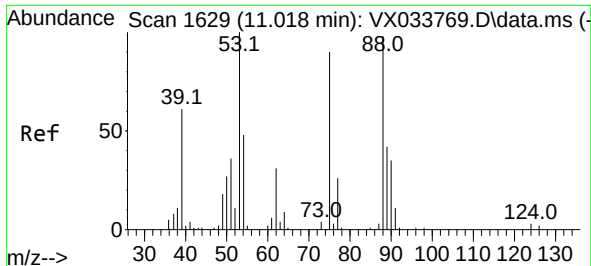
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.904 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

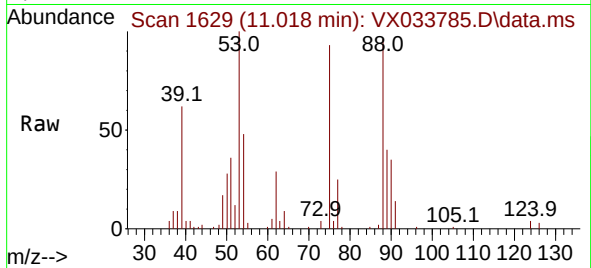
Tgt Ion:105 Resp: 132271
Ion Ratio Lower Upper
105 100
120 51.2 0.0 102.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.303 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

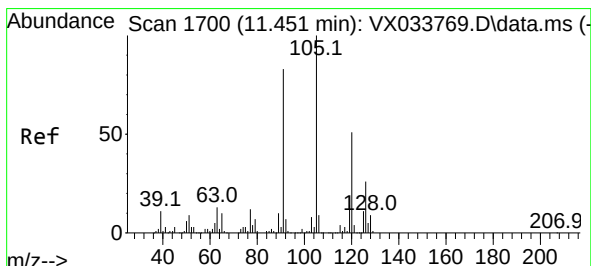
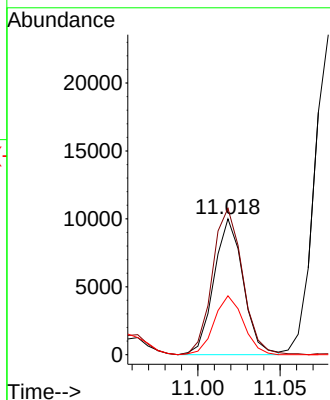
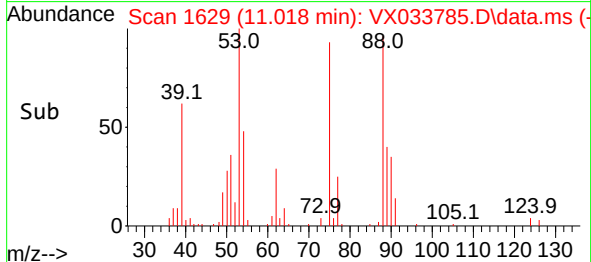
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



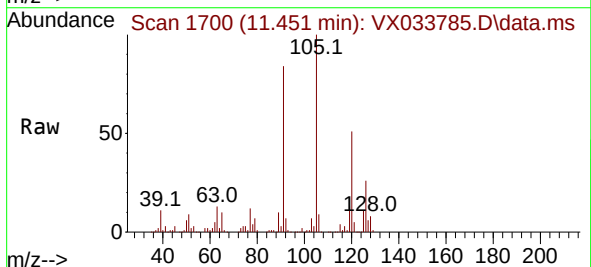
Tgt Ion: 75 Resp: 1236
Ion Ratio Lower Upper
75 100
53 107.8 55.5 166.3
89 43.3 23.3 69.8

Manual Integrations
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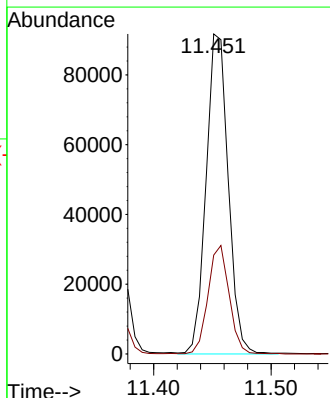
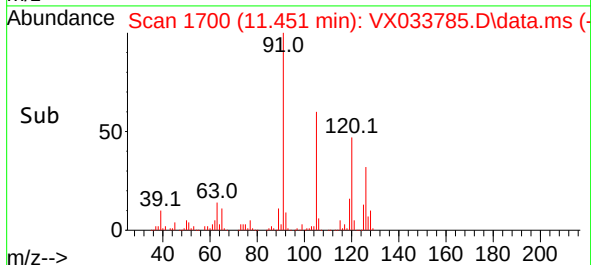
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

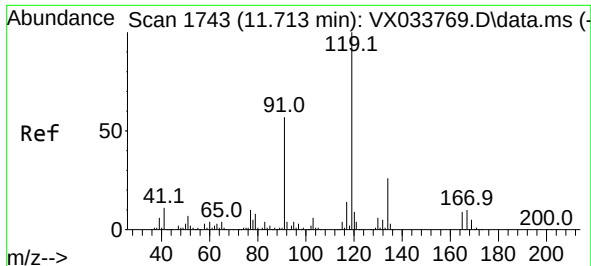


#78
4-Chlorotoluene
Concen: 20.698 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



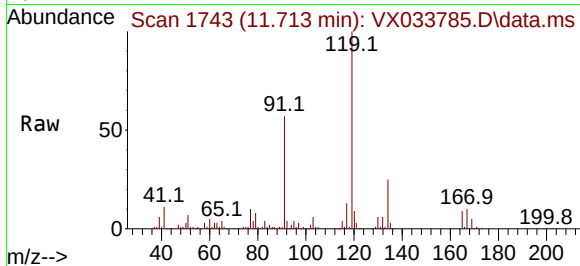
Tgt Ion: 91 Resp: 120055
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.2





#79
tert-butylbenzene
Concen: 20.807 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

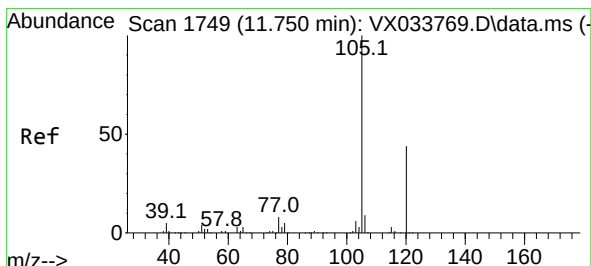
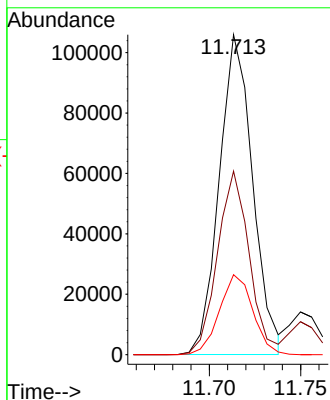
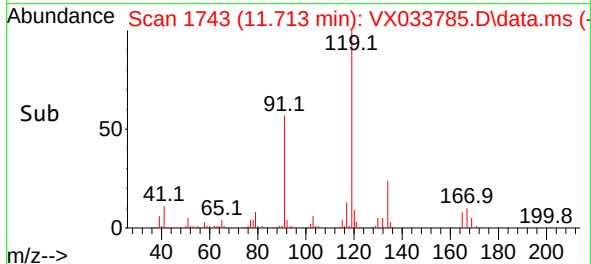
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 134750
Ion Ratio Lower Upper
119 100
91 54.7 0.0 108.4
134 25.1 0.0 50.0

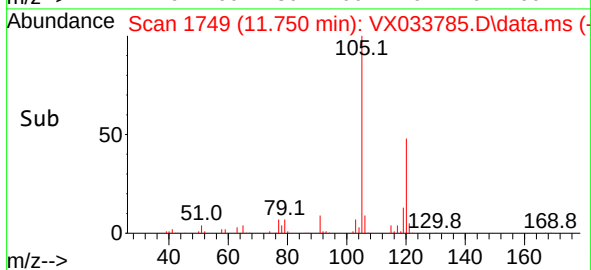
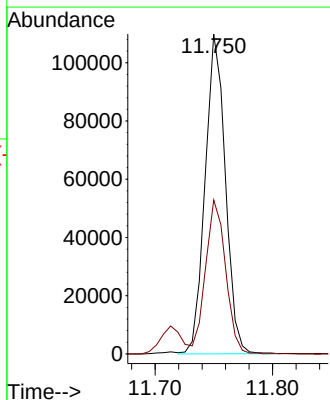
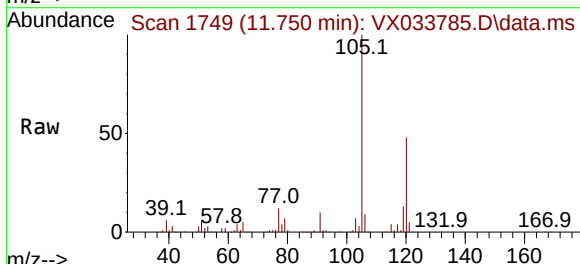
Manual Integrations
APPROVED

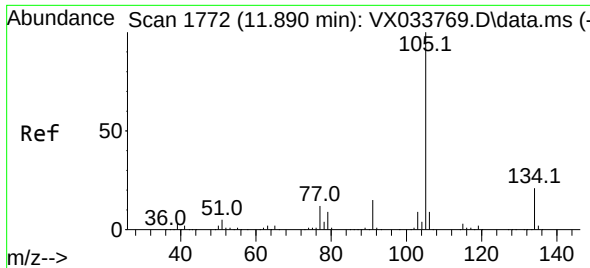
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.891 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

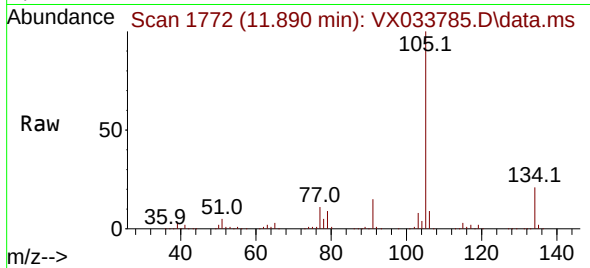
Tgt Ion:105 Resp: 131059
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.4





#81
 sec-Butylbenzene
 Concen: 20.522 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033785.D
 Acq: 18 Jan 2023 19:47

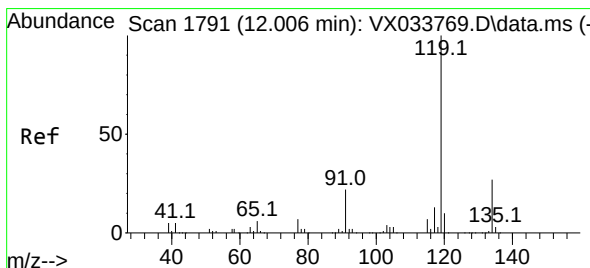
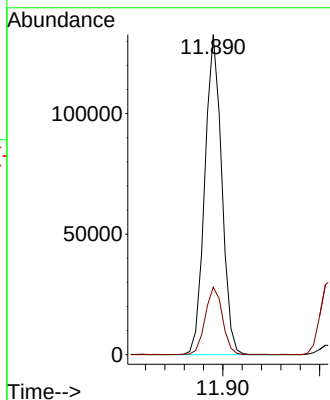
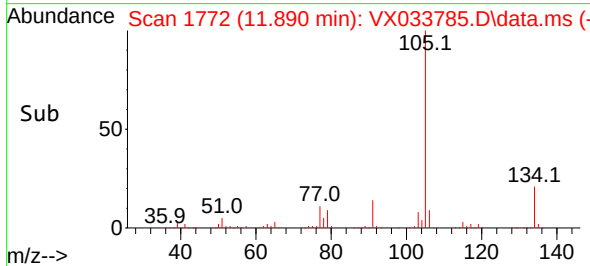
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



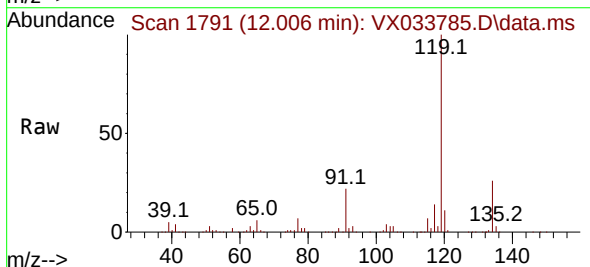
Tgt Ion:105 Resp: 161729
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 43.8

Manual Integrations
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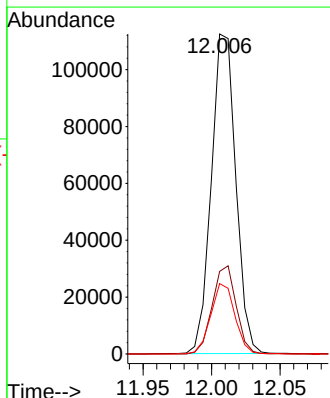
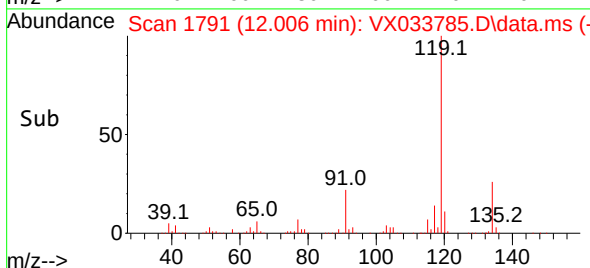
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

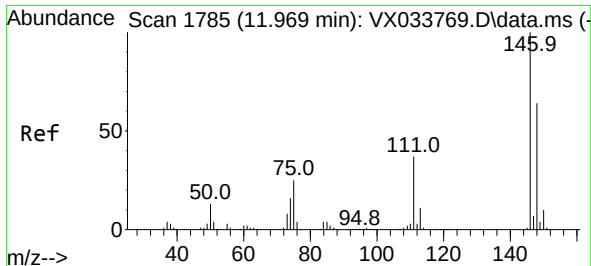


#82
 p-Isopropyltoluene
 Concen: 20.446 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033785.D
 Acq: 18 Jan 2023 19:47



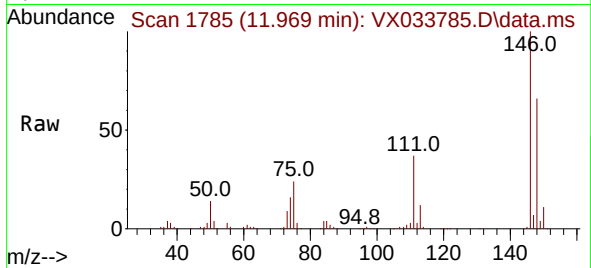
Tgt Ion:119 Resp: 139577
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 54.2
 91 21.8 0.0 41.8





#83
1,3-Dichlorobenzene
Concen: 20.657 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

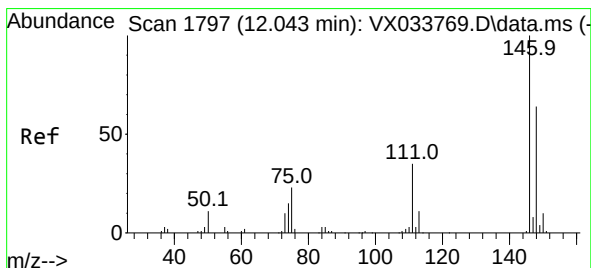
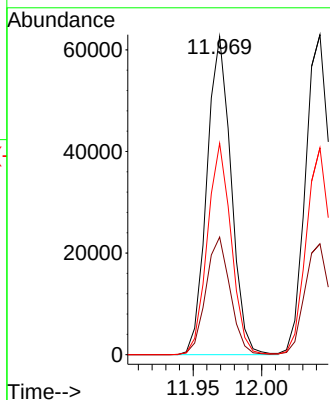
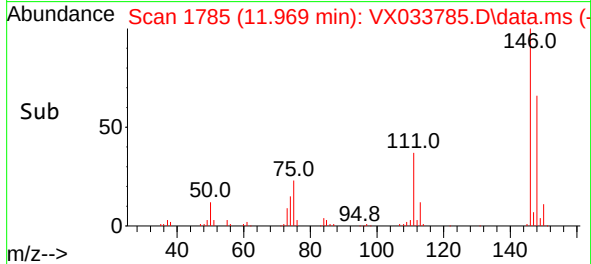
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



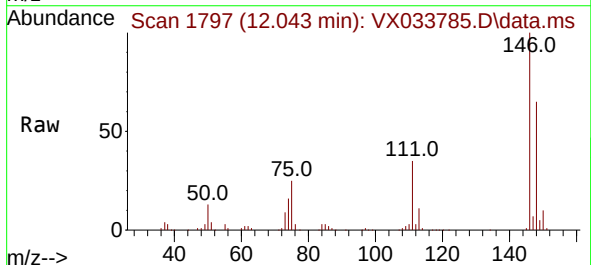
Tgt Ion:146 Resp: 7711
Ion Ratio Lower Upper
146 100
111 37.0 18.4 55.2
148 64.8 32.1 96.5

Manual Integrations
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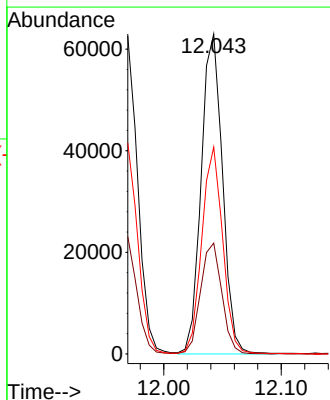
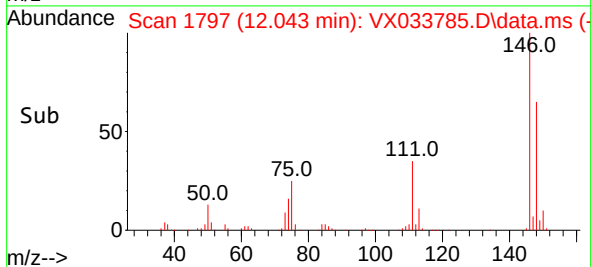
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

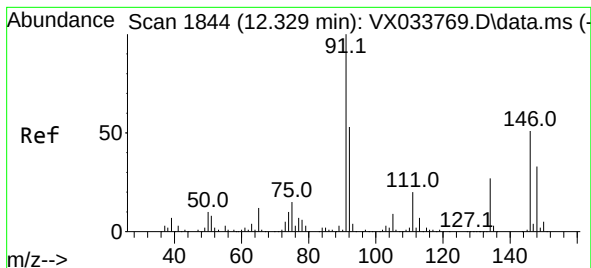


#84
1,4-Dichlorobenzene
Concen: 21.236 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



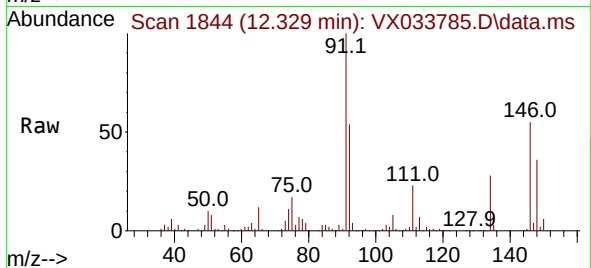
Tgt Ion:146 Resp: 79463
Ion Ratio Lower Upper
146 100
111 34.7 17.8 53.4
148 62.9 32.1 96.5





#85
n-Butylbenzene
Concen: 19.711 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

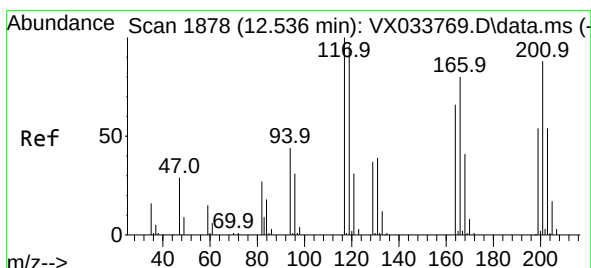
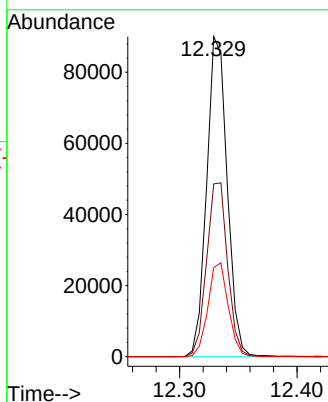
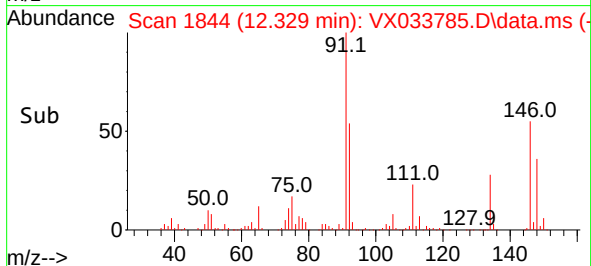
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 10944
Ion Ratio Lower Upper
91 100
92 55.6 0.0 109.0
134 29.0 0.0 57.8

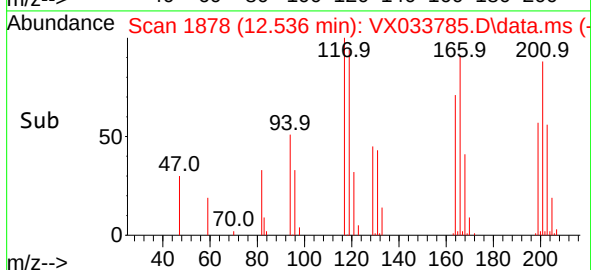
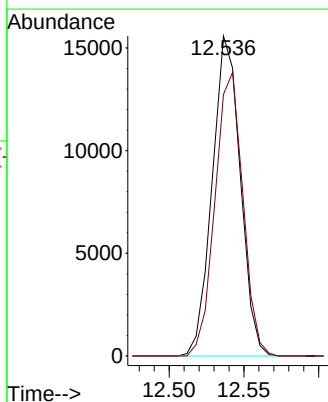
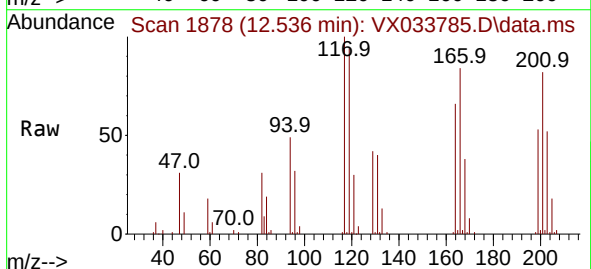
Manual Integrations
APPROVED

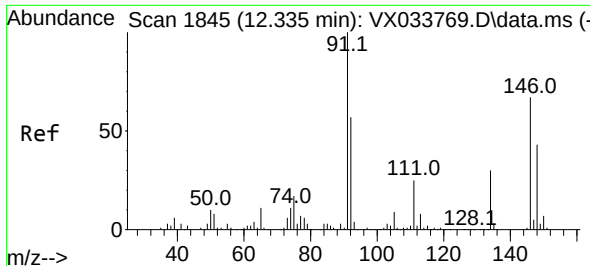
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#86
Hexachloroethane
Concen: 18.841 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

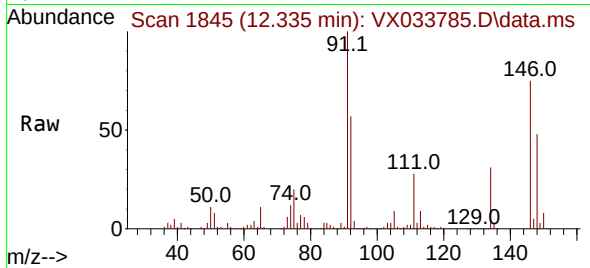
Tgt Ion:117 Resp: 20332
Ion Ratio Lower Upper
117 100
201 87.9 46.3 138.8





#87
1,2-Dichlorobenzene
Concen: 21.600 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

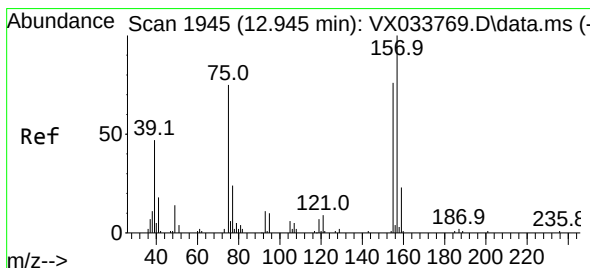
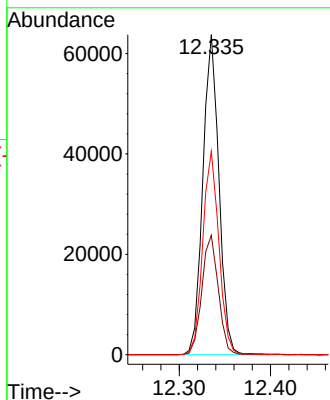
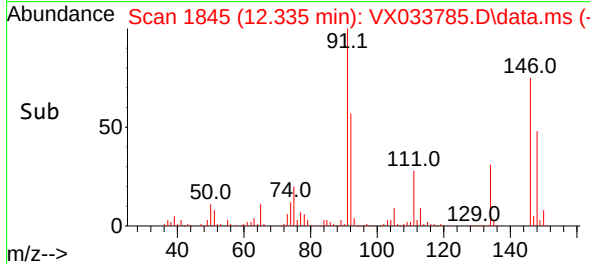
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



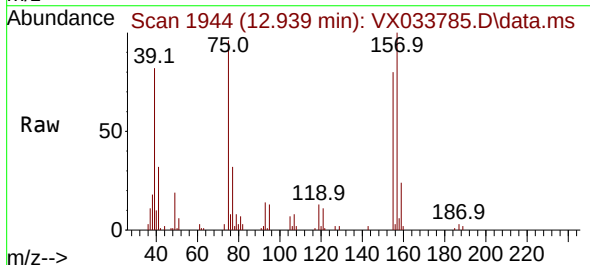
Tgt Ion:146 Resp: 77730
Ion Ratio Lower Upper
146 100
111 37.8 18.8 56.4
148 63.7 31.7 95.1

Manual Integrations
APPROVED

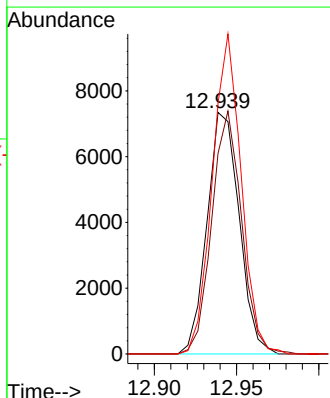
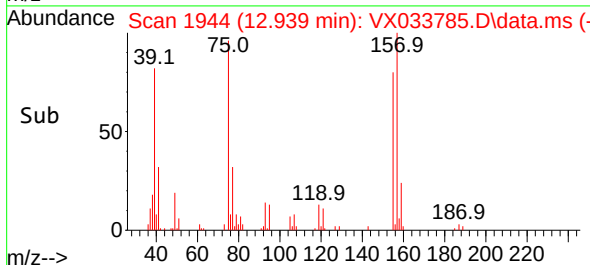
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

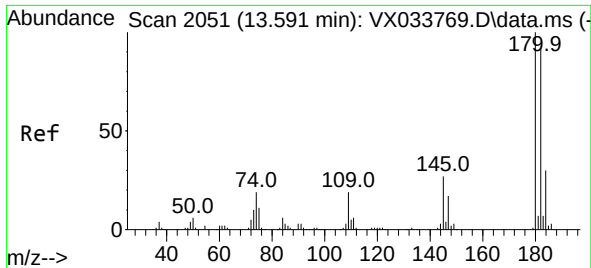


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.301 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



Tgt Ion: 75 Resp: 9973
Ion Ratio Lower Upper
75 100
155 93.4 82.6 124.0
157 119.0 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 19.238 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

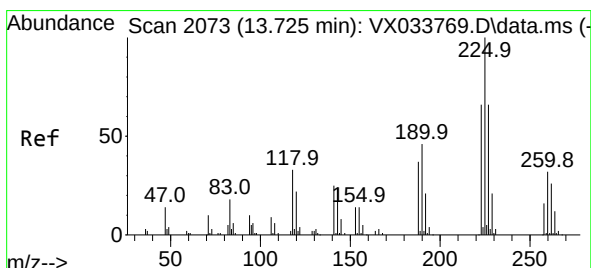
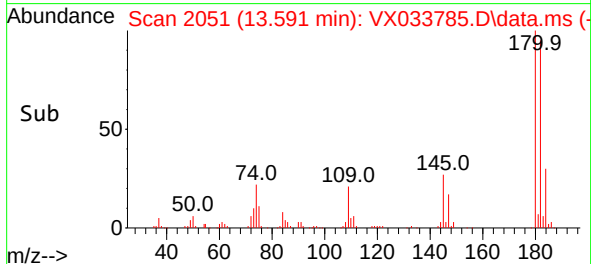
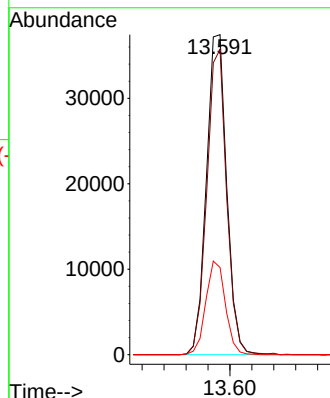
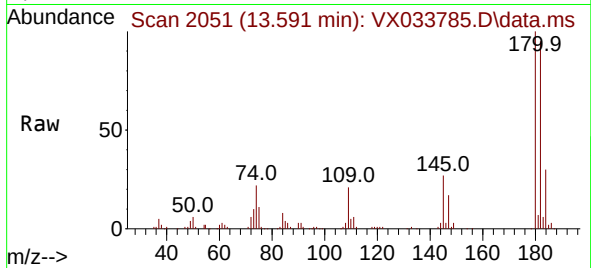
VSTDCCC020EC

Tgt Ion:180 Resp: 48172
Ion Ratio Lower Upper
180 100
182 93.0 76.4 114.6
145 28.2 22.9 34.3

Manual Integrations

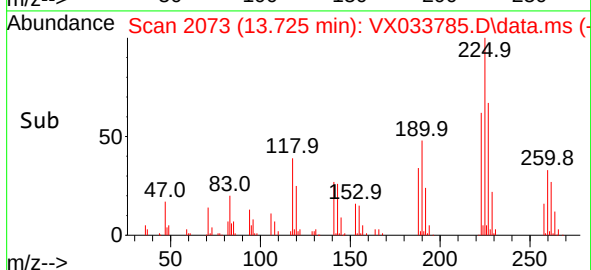
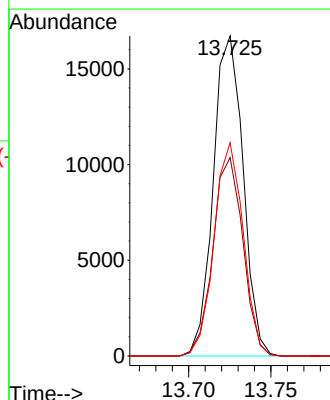
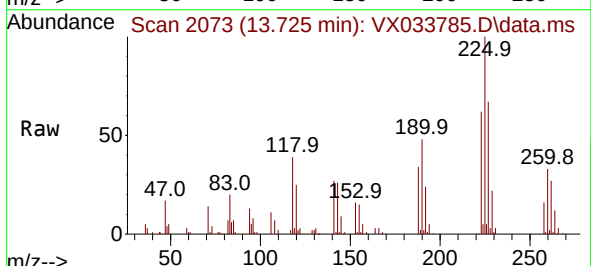
APPROVED

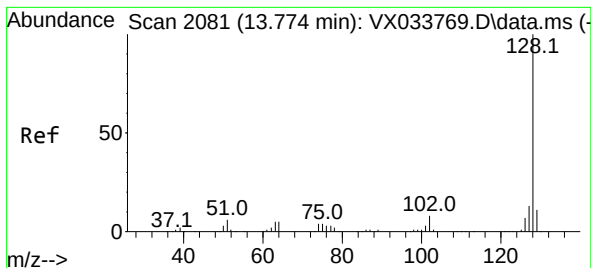
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#90
Hexachlorobutadiene
Concen: 17.974 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

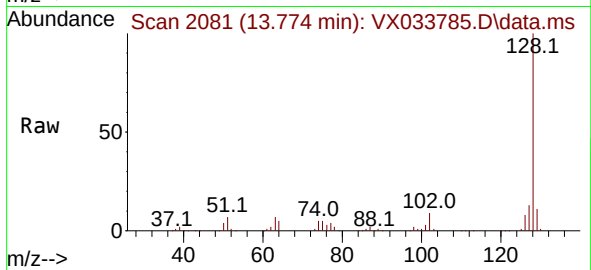
Tgt Ion:225 Resp: 21104
Ion Ratio Lower Upper
225 100
223 62.3 0.0 127.6
227 65.0 0.0 131.2





#91
Naphthalene
Concen: 19.799 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47

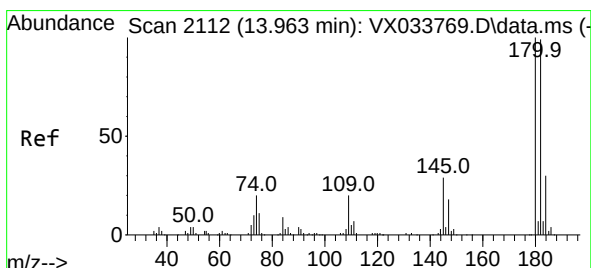
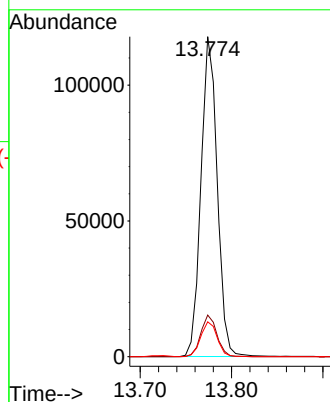
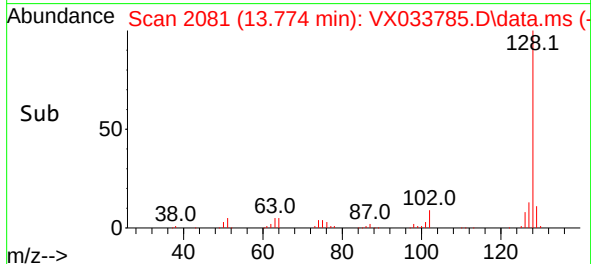
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



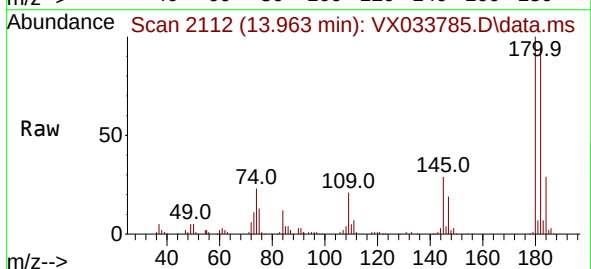
Tgt Ion:128 Resp: 14532
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.282 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033785.D
Acq: 18 Jan 2023 19:47



Tgt Ion:180 Resp: 47354
Ion Ratio Lower Upper
180 100
182 96.2 0.0 192.6
145 31.5 0.0 60.4

