

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034557.D
 Acq On : 16 Mar 2023 19:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 17 06:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	270519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	467413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218759	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	181707	46.171	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.340%
35) Dibromofluoromethane	5.385	113	133251	43.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.360%
50) Toluene-d8	8.647	98	491788	42.688	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.380%#
62) 4-Bromofluorobenzene	11.079	95	200535	43.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	108198	42.903	ug/l	99
3) Chloromethane	1.307	50	148322	38.524	ug/l	97
4) Vinyl Chloride	1.374	62	144082	41.958	ug/l	97
5) Bromomethane	1.599	94	75286	43.453	ug/l	99
6) Chloroethane	1.679	64	92067	46.565	ug/l	98
7) Trichlorofluoromethane	1.880	101	232973	45.152	ug/l	97
8) Diethyl Ether	2.130	74	88831	47.161	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	130394	43.363	ug/l	98
10) Methyl Iodide	2.447	142	178805	45.291	ug/l	96
11) Tert butyl alcohol	2.959	59	185361	226.177	ug/l	99
12) 1,1-Dichloroethene	2.319	96	125666	42.434	ug/l	96
13) Acrolein	2.233	56	189250	291.902	ug/l	98
14) Allyl chloride	2.660	41	254100	42.322	ug/l	96
15) Acrylonitrile	3.062	53	423690	239.325	ug/l	99
16) Acetone	2.380	43	383854	207.061	ug/l	98
17) Carbon Disulfide	2.508	76	296103	35.529	ug/l	100
18) Methyl Acetate	2.703	43	284171	46.913	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	486756	45.906	ug/l	97
20) Methylene Chloride	2.788	84	149571	41.572	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	136340	43.350	ug/l	97
22) Diisopropyl ether	3.757	45	525294	45.889	ug/l	100
23) Vinyl Acetate	3.721	43	2060333	236.492	ug/l	99
24) 1,1-Dichloroethane	3.605	63	277095	45.031	ug/l	98
25) 2-Butanone	4.550	43	624001	235.245	ug/l	98
26) 2,2-Dichloropropane	4.471	77	222987	41.689	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	167433	44.224	ug/l	98
28) Bromochloromethane	4.891	49	128531	44.923	ug/l	99
29) Tetrahydrofuran	5.007	42	394066	240.756	ug/l	100
30) Chloroform	5.099	83	288611	47.848	ug/l	99
31) Cyclohexane	5.471	56	230913	41.837	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	248749	46.584	ug/l	99
36) 1,1-Dichloropropene	5.690	75	199651	42.120	ug/l	100
37) Ethyl Acetate	4.715	43	240768	46.495	ug/l	99
38) Carbon Tetrachloride	5.678	117	206374	43.765	ug/l	96
39) Methylcyclohexane	7.379	83	228697	40.317	ug/l	93
40) Benzene	6.038	78	594935	42.905	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	135566	47.770	ug/l	98
42) 1,2-Dichloroethane	6.086	62	245386	48.151	ug/l	98
43) Isopropyl Acetate	6.336	43	404058	46.060	ug/l	100
44) Trichloroethene	7.123	130	155124	43.056	ug/l	95
45) 1,2-Dichloropropane	7.428	63	162602	44.910	ug/l	98
46) Dibromomethane	7.580	93	110826	45.025	ug/l	99
47) Bromodichloromethane	7.824	83	218724	45.913	ug/l	98
48) Methyl methacrylate	7.690	41	200028	47.410	ug/l	97
49) 1,4-Dioxane	7.659	88	88604	999.855	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1243512	244.354	ug/l	99
52) Toluene	8.720	92	373524	43.510	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	240191	44.754	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	255725	44.041	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	159479	46.809	ug/l	98
56) Ethyl methacrylate	9.116	69	259038	46.307	ug/l	97
57) 1,3-Dichloropropane	9.305	76	276197	45.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	691077	239.719	ug/l	100
59) 2-Hexanone	9.427	43	958294	243.601	ug/l	99
60) Dibromochloromethane	9.519	129	163202	45.673	ug/l	99
61) 1,2-Dibromoethane	9.610	107	169129	46.003	ug/l	98
64) Tetrachloroethene	9.275	164	124423	42.990	ug/l	98
65) Chlorobenzene	10.080	112	407161	43.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	153305	44.527	ug/l	99
67) Ethyl Benzene	10.195	91	739141	43.675	ug/l	99
68) m/p-Xylenes	10.299	106	560325	86.190	ug/l	98
69) o-Xylene	10.640	106	284117	43.549	ug/l	99
70) Styrene	10.653	104	470632	44.712	ug/l	100
71) Bromoform	10.799	173	118052	44.543	ug/l	99
73) Isopropylbenzene	10.964	105	742931	43.941	ug/l	100
74) N-amyl acetate	10.842	43	381063	47.056	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	258160	45.757	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	217812m	43.363	ug/l	
77) Bromobenzene	11.195	156	176168	43.429	ug/l	98
78) n-propylbenzene	11.305	91	869933	44.552	ug/l	99
79) 2-Chlorotoluene	11.366	91	539241	44.715	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	632842	44.625	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	75988	40.926	ug/l	93
82) 4-Chlorotoluene	11.451	91	621941	44.775	ug/l	100
83) tert-Butylbenzene	11.713	119	646720	45.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	638967	44.087	ug/l	99
85) sec-Butylbenzene	11.890	105	779965	44.620	ug/l	99
86) p-Isopropyltoluene	12.006	119	651465	44.344	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	337151	42.419	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	342959	42.674	ug/l	100
89) n-Butylbenzene	12.329	91	568592	43.536	ug/l	99
90) Hexachloroethane	12.536	117	115607	42.527	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	339578	44.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57375	44.760	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	200324	41.706	ug/l	98
94) Hexachlorobutadiene	13.725	225	80714	41.711	ug/l	98
95) Naphthalene	13.774	128	709978	44.079	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	201275	42.868	ug/l	99

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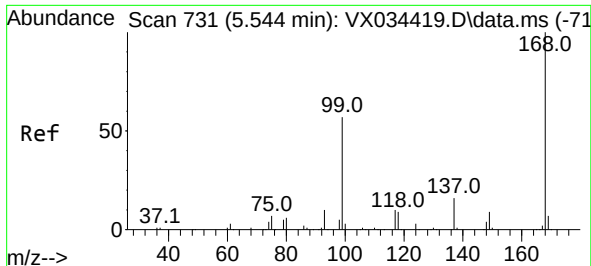
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/17/2023

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QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

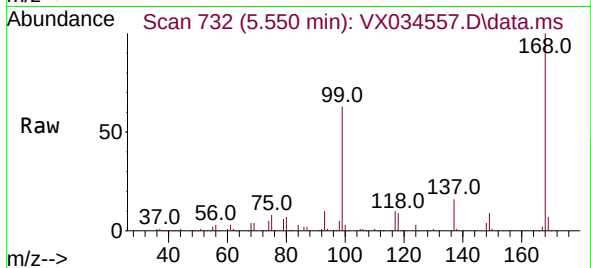
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
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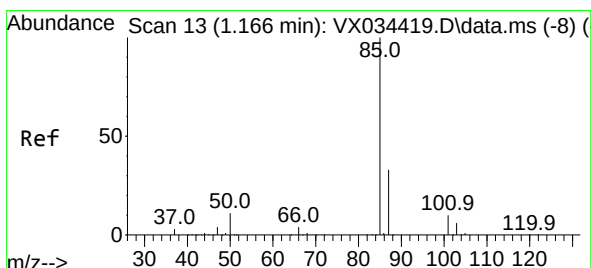
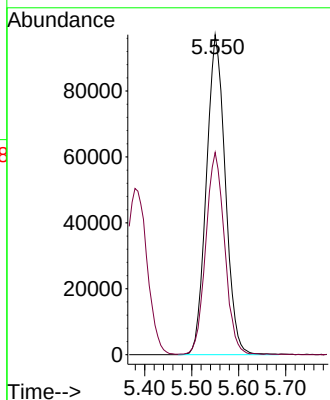
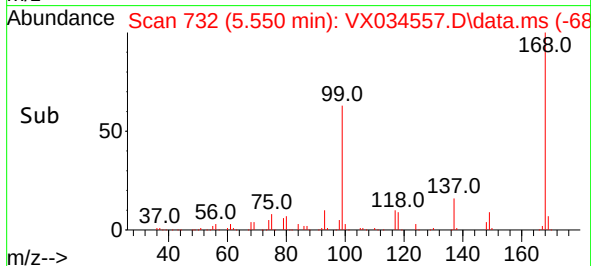
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 270519
Ion Ratio Lower Upper
168 100
99 63.1 45.7 68.5

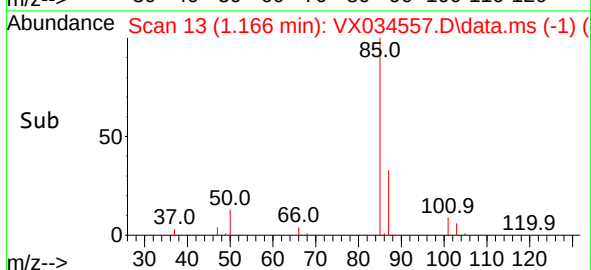
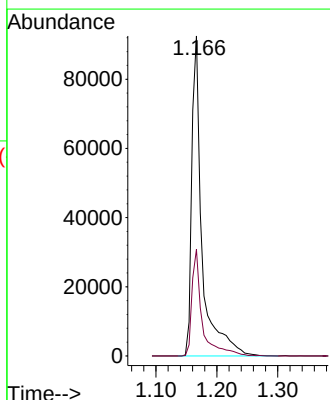
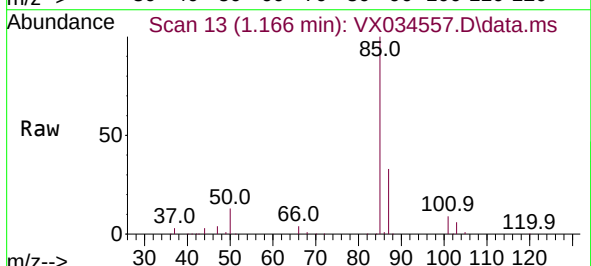
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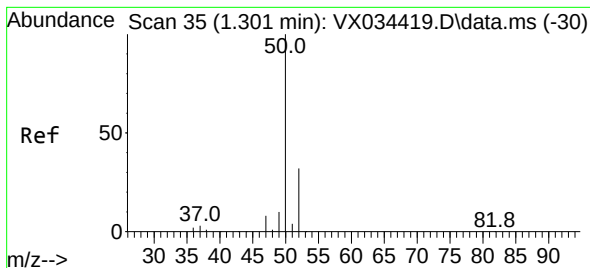
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#2
Dichlorodifluoromethane
Concen: 42.903 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Tgt Ion: 85 Resp: 108198
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1





#3

Chloromethane

Concen: 38.524 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 14832

Ion Ratio Lower Upper

50 100

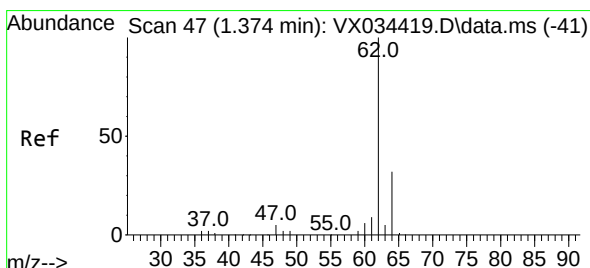
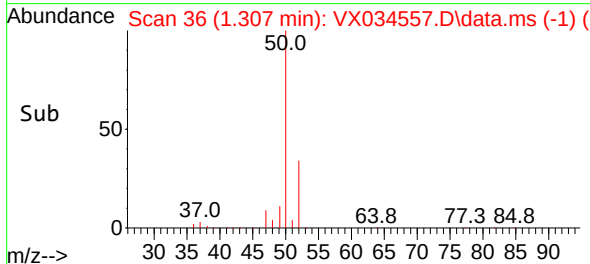
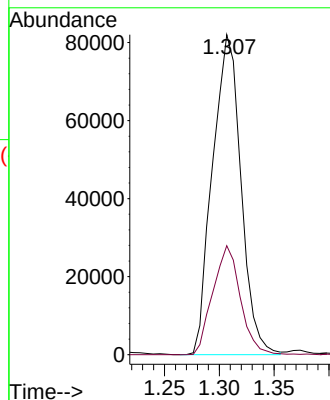
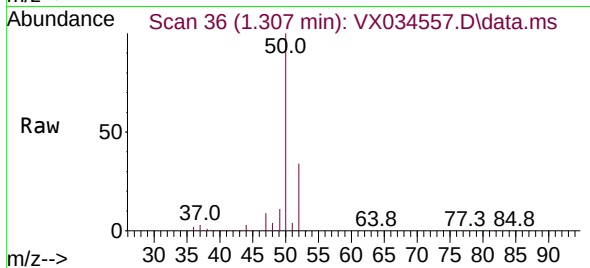
52 34.1 25.9 38.9

Manual Integrations

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Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#4

Vinyl Chloride

Concen: 41.958 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034557.D

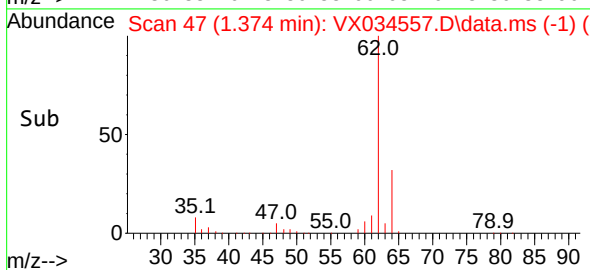
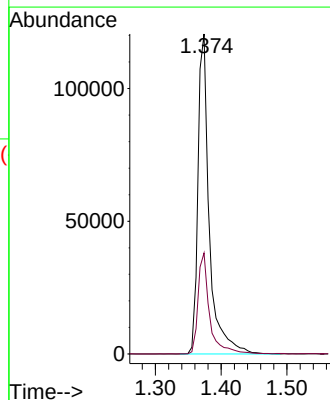
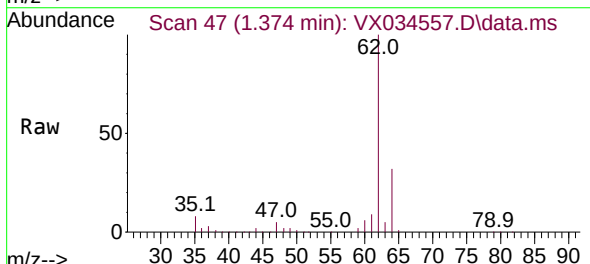
Acq: 16 Mar 2023 19:43

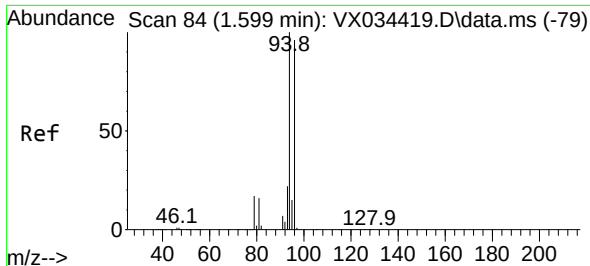
Tgt Ion: 62 Resp: 144082

Ion Ratio Lower Upper

62 100

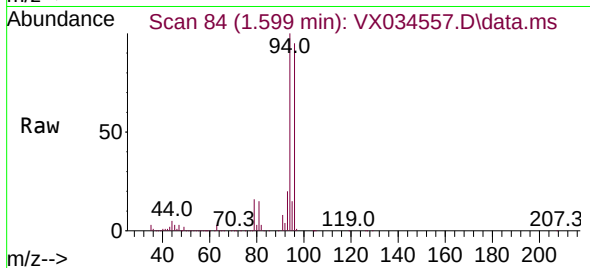
64 31.5 26.4 39.6





#5
Bromomethane
Concen: 43.453 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

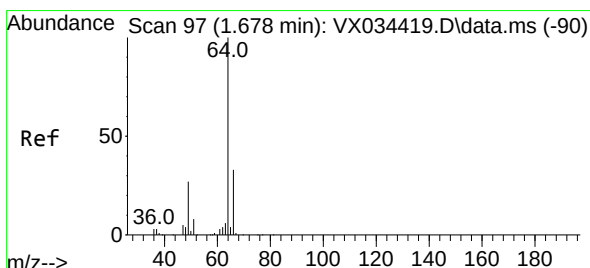
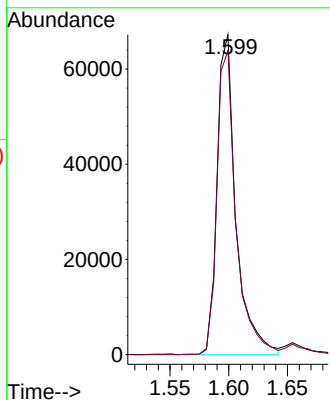
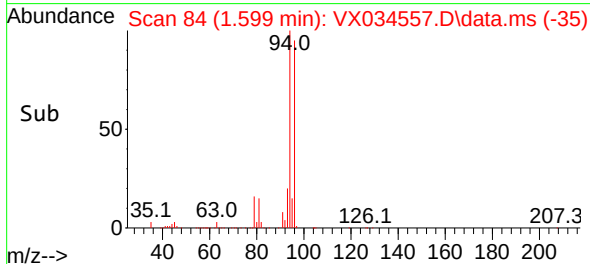
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 75280
Ion Ratio Lower Upper
94 100
96 95.1 77.0 115.6

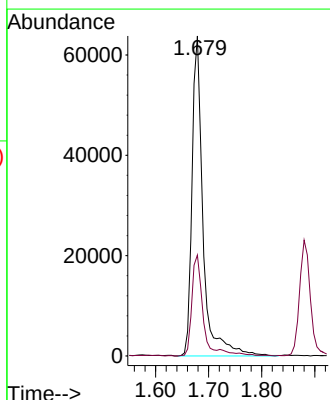
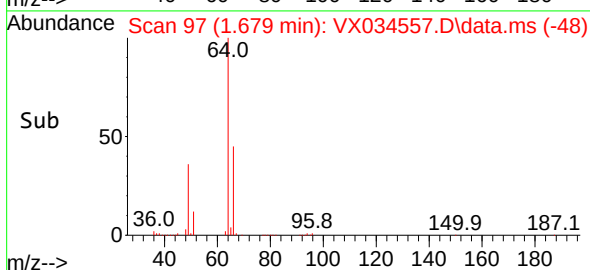
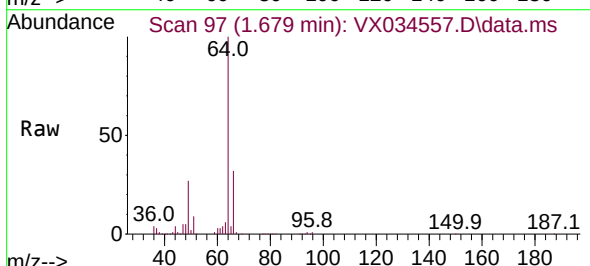
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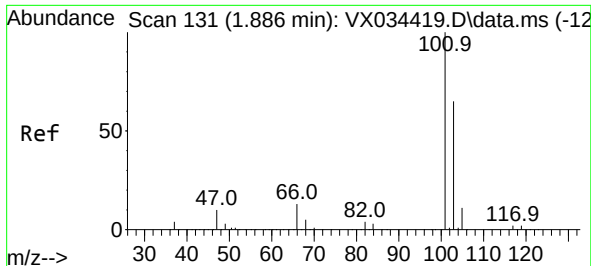
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#6
Chloroethane
Concen: 46.565 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

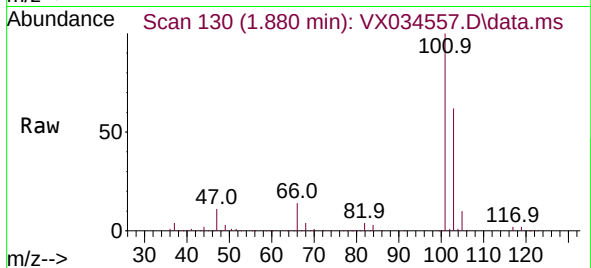
Tgt Ion: 64 Resp: 92067
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 45.152 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

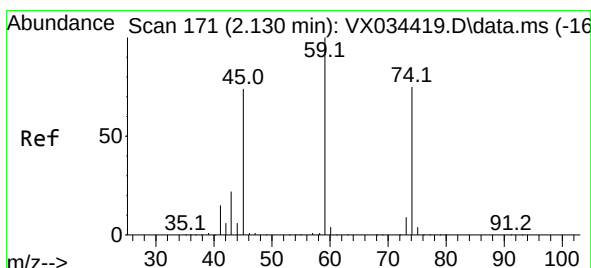
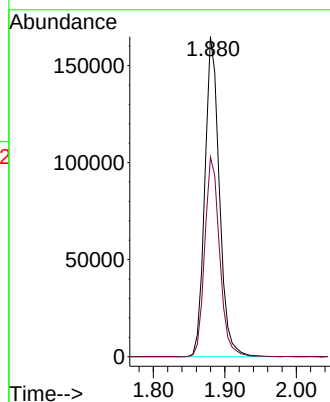
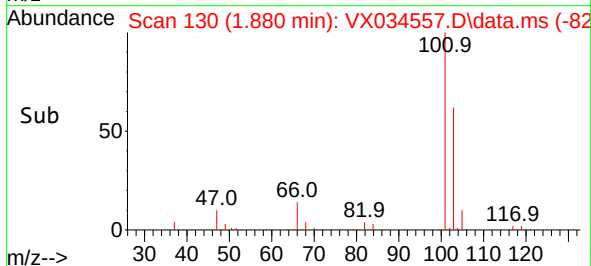
Instrument :
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ClientSampleId :
VSTDCCC050EC



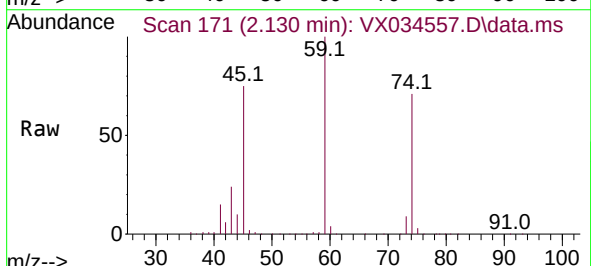
Tgt Ion:101 Resp: 23297
Ion Ratio Lower Upper
101 100
103 62.4 52.0 78.0

Manual Integrations
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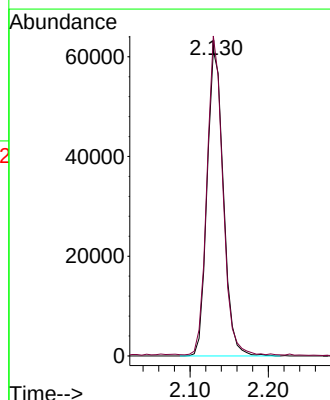
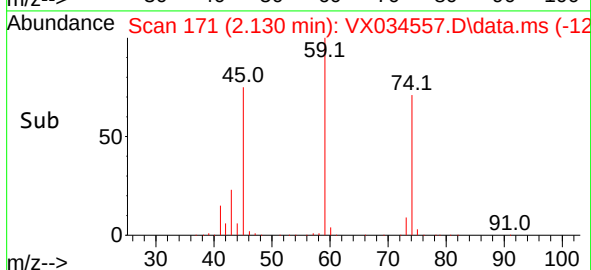
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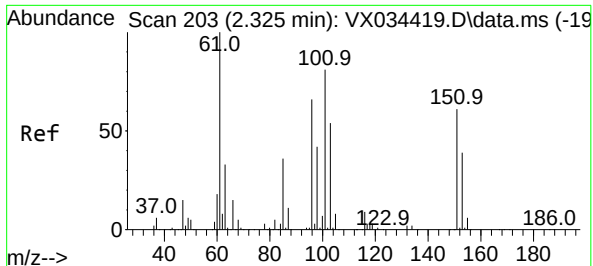


#8
Diethyl Ether
Concen: 47.161 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



Tgt Ion: 74 Resp: 88831
Ion Ratio Lower Upper
74 100
45 101.3 49.8 149.3





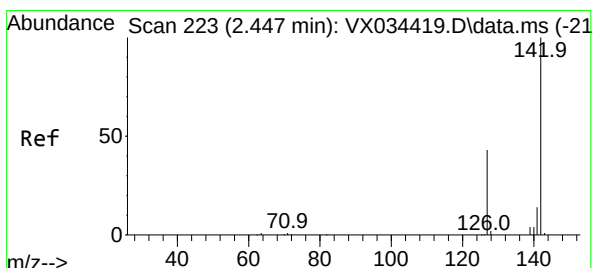
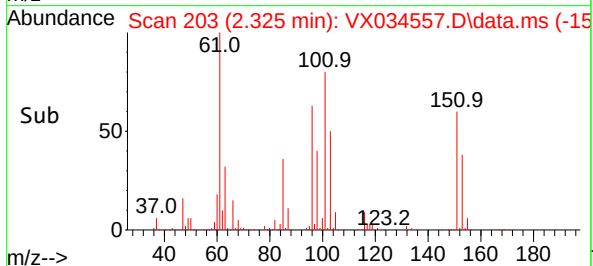
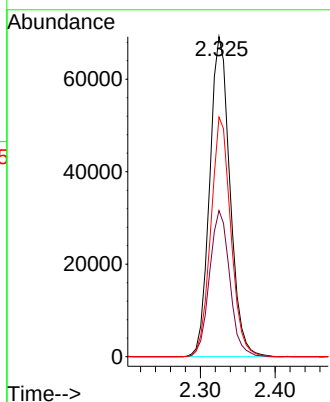
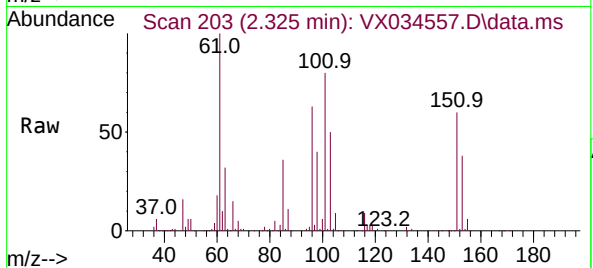
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.363 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 130394
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.2
151 74.0 60.2 90.4

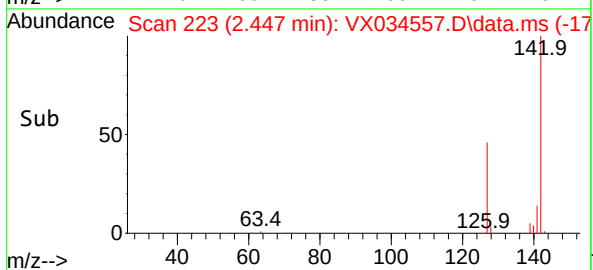
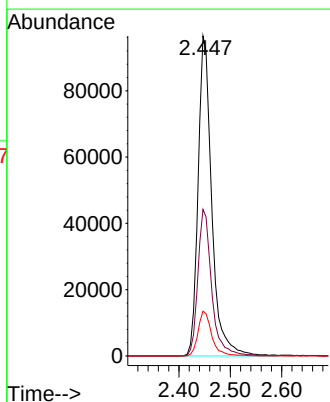
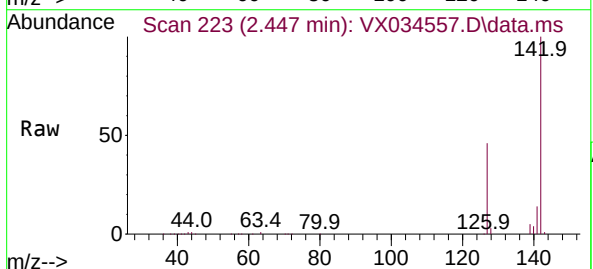
Manual Integrations
APPROVED

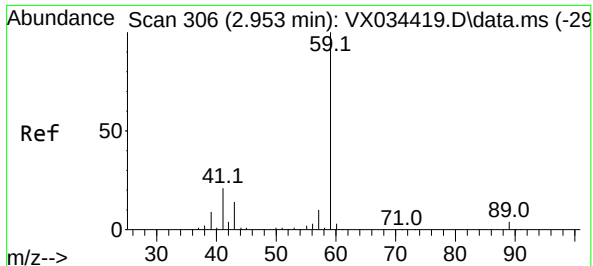
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#10
Methyl Iodide
Concen: 45.291 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

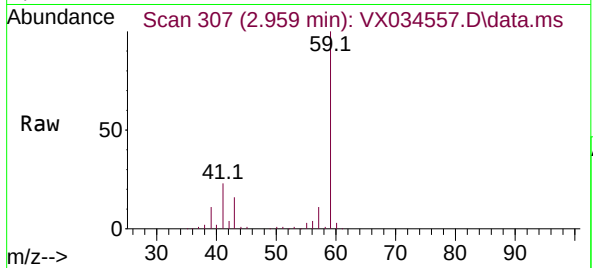
Tgt Ion:142 Resp: 178805
Ion Ratio Lower Upper
142 100
127 46.2 34.0 51.0
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 226.177 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

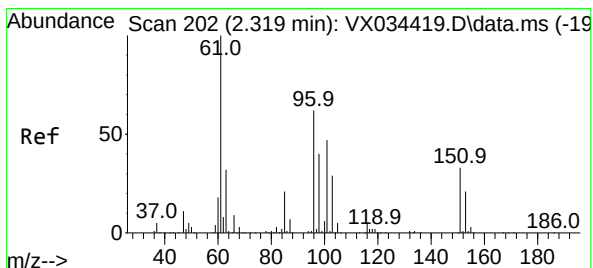
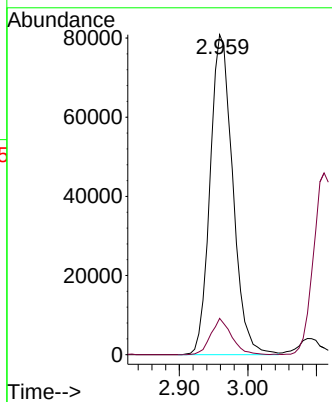
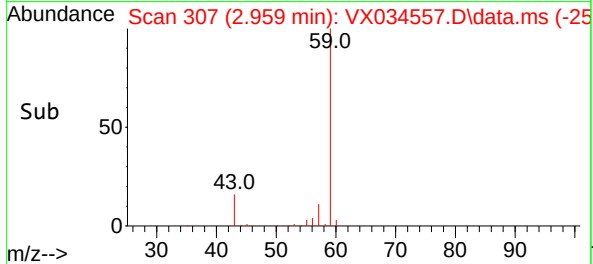
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



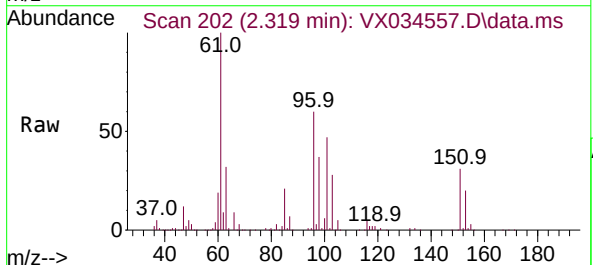
Tgt Ion: 59 Resp: 18536
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

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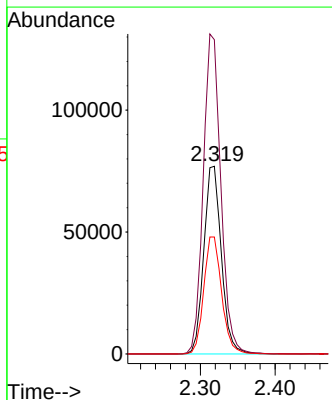
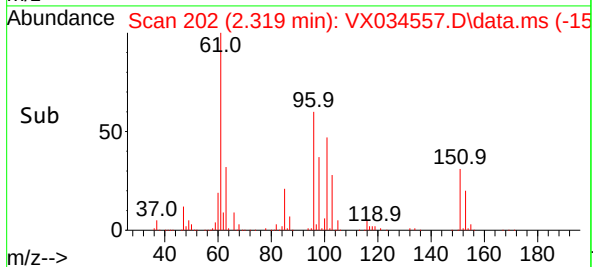
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

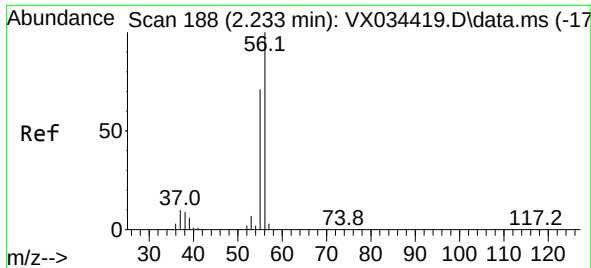


#12
1,1-Dichloroethene
Concen: 42.434 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



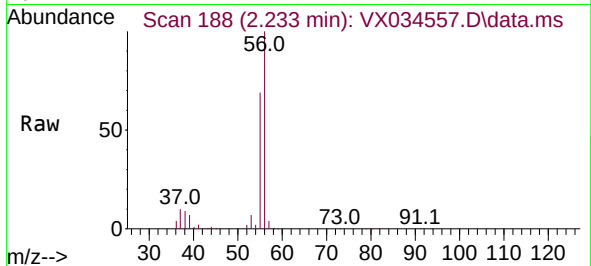
Tgt Ion: 96 Resp: 125666
Ion Ratio Lower Upper
96 100
61 167.4 128.8 193.2
98 62.3 51.4 77.0





#13
Acrolein
Concen: 291.902 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

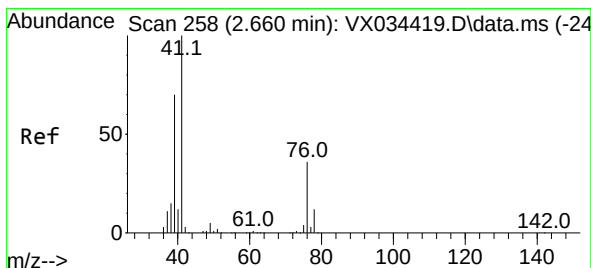
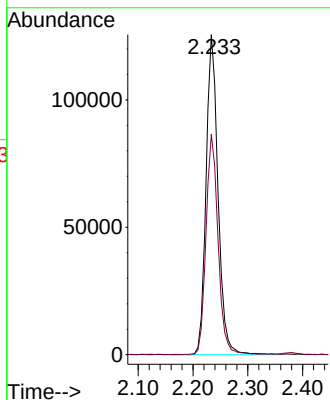
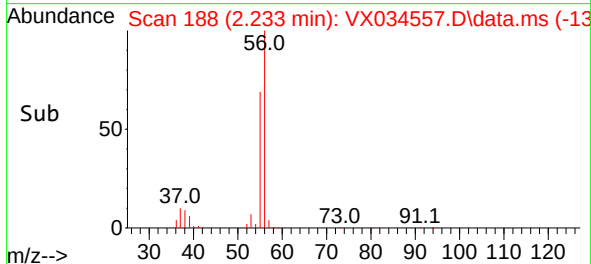
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



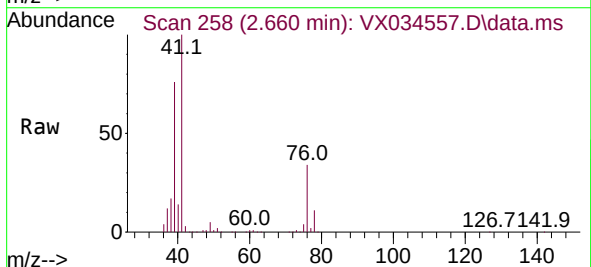
Tgt Ion: 56 Resp: 189250
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0

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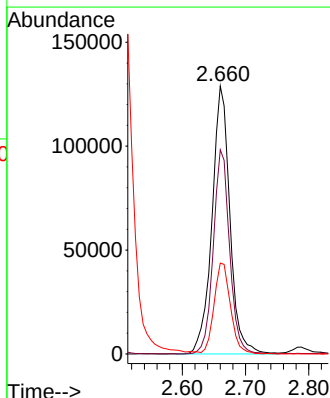
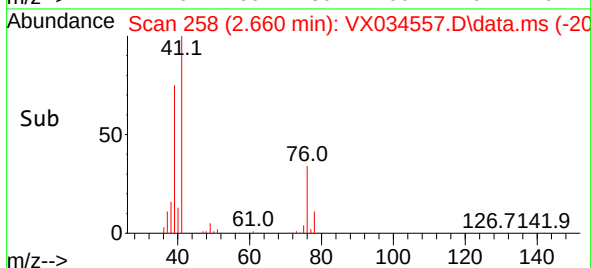
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

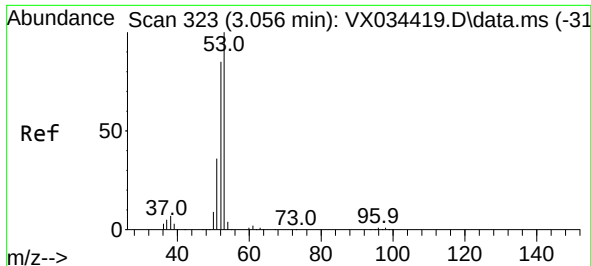


#14
Allyl chloride
Concen: 42.322 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



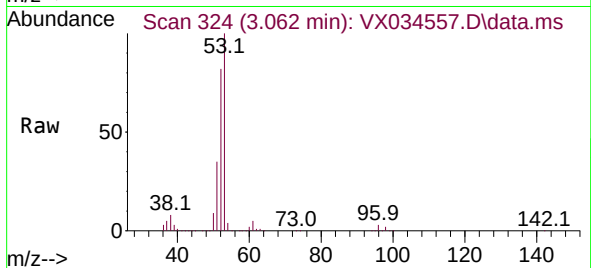
Tgt Ion: 41 Resp: 254100
Ion Ratio Lower Upper
41 100
39 69.3 52.4 78.6
76 31.0 26.0 39.0





#15
Acrylonitrile
Concen: 239.325 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

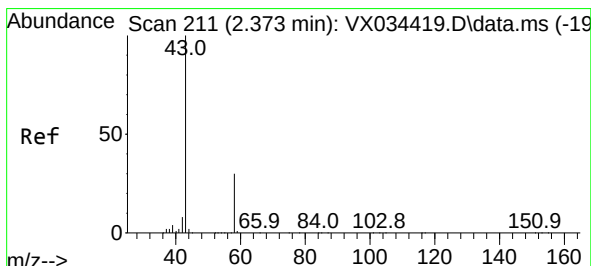
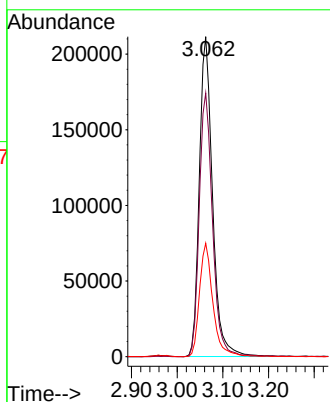
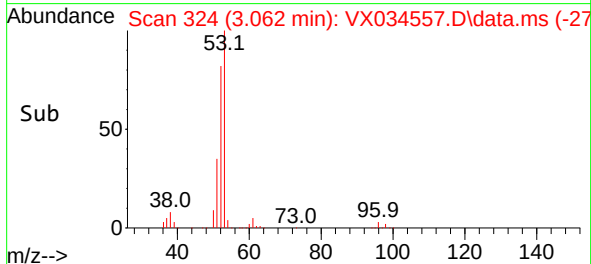
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



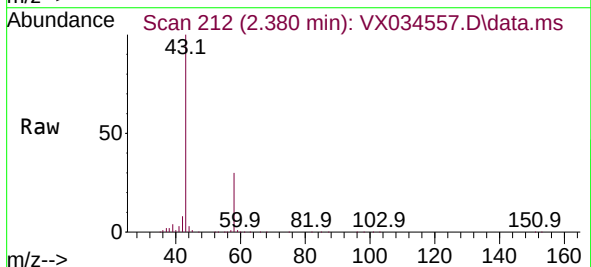
Tgt Ion: 53 Resp: 423690
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 36.1 28.3 42.5

Manual Integrations
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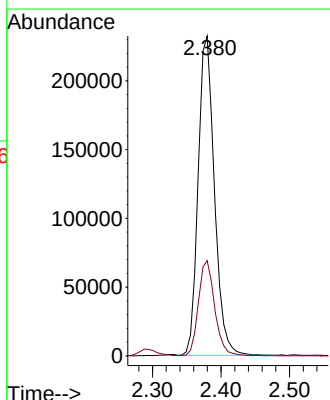
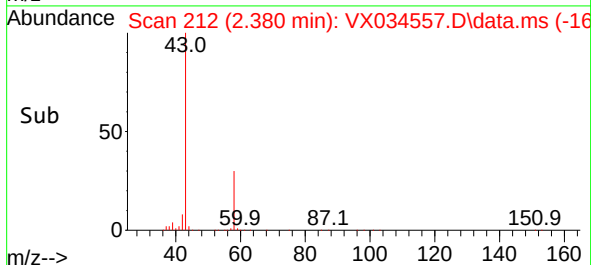
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

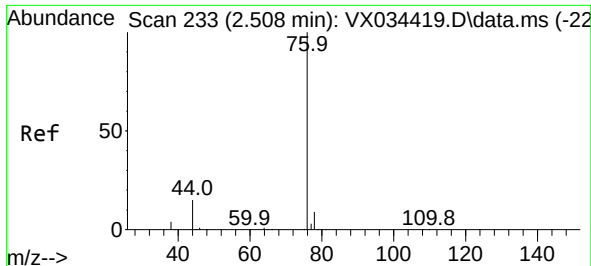


#16
Acetone
Concen: 207.061 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



Tgt Ion: 43 Resp: 383854
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1





#17

Carbon Disulfide

Concen: 35.529 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 29610

Ion Ratio Lower Upper

76 100

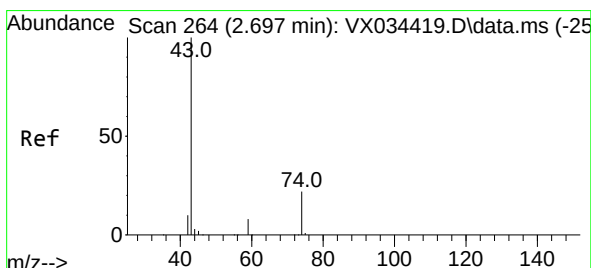
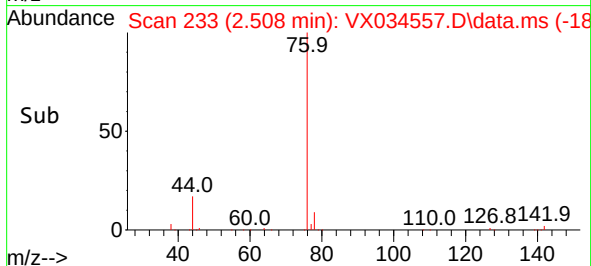
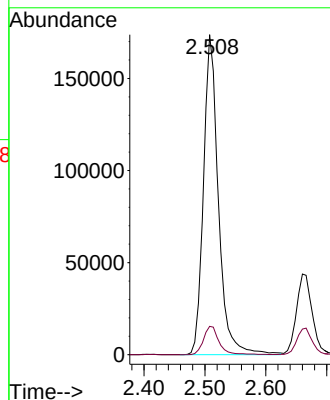
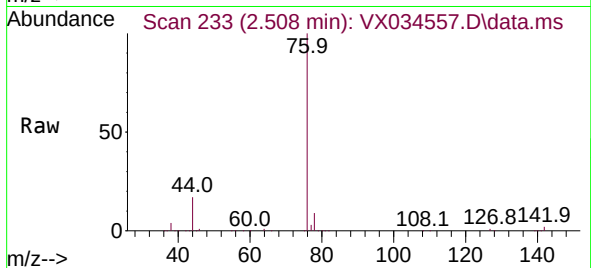
78 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#18

Methyl Acetate

Concen: 46.913 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034557.D

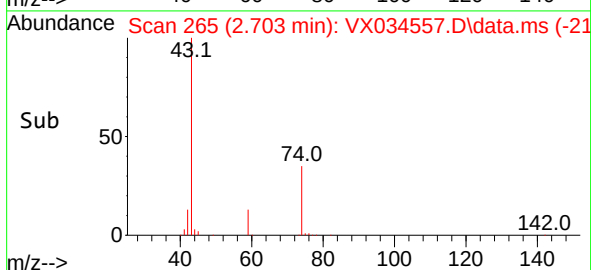
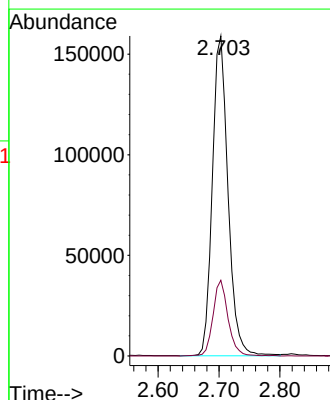
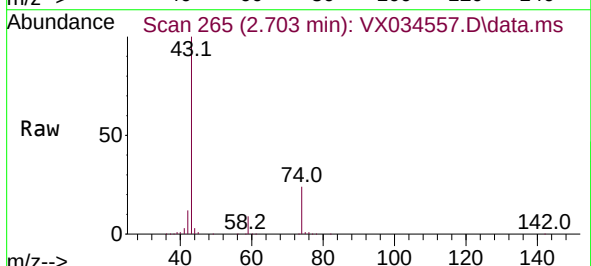
Acq: 16 Mar 2023 19:43

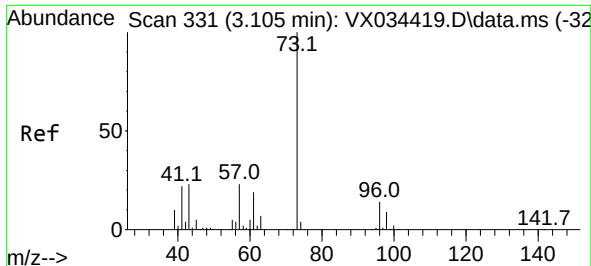
Tgt Ion: 43 Resp: 284171

Ion Ratio Lower Upper

43 100

74 22.7 18.3 27.5





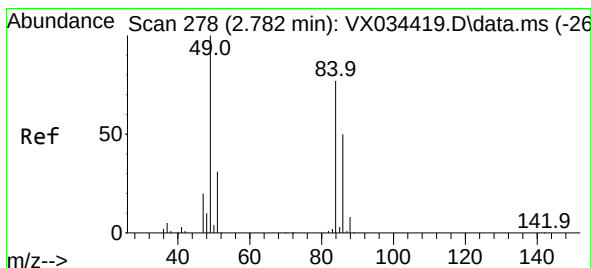
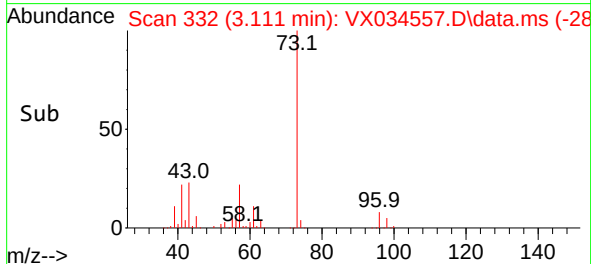
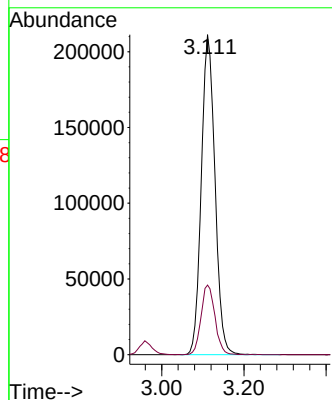
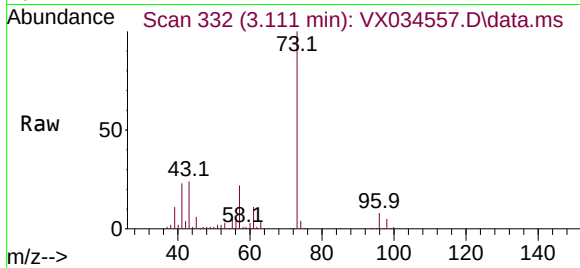
#19
Methyl tert-butyl Ether
Concen: 45.906 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 486750
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

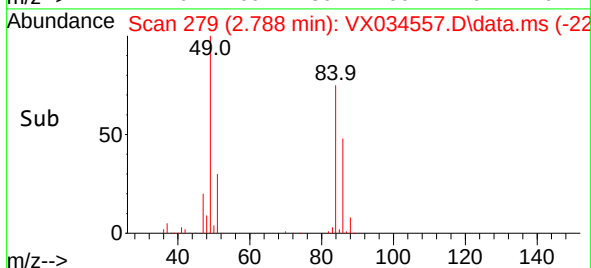
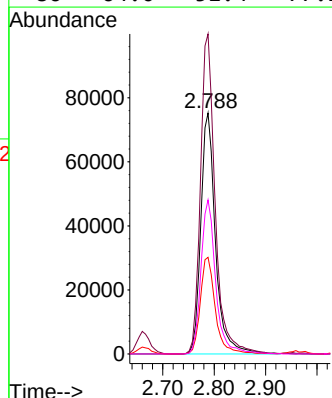
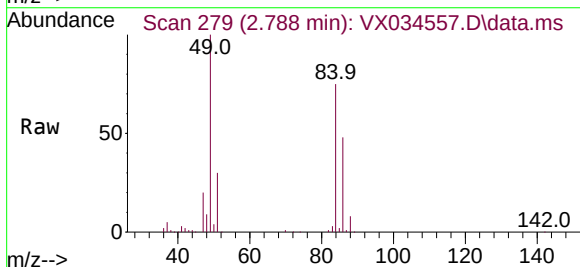
Manual Integrations
APPROVED

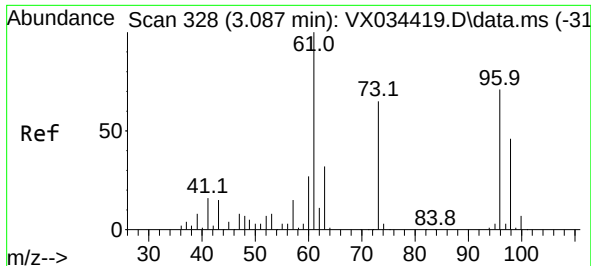
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#20
Methylene Chloride
Concen: 41.572 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

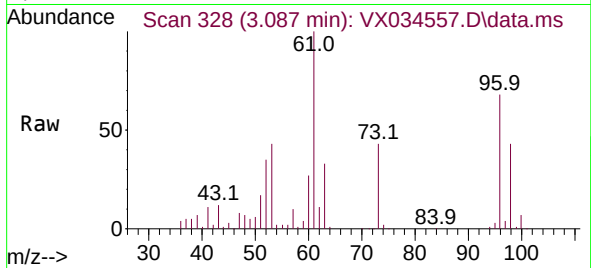
Tgt Ion: 84 Resp: 149571
Ion Ratio Lower Upper
84 100
49 132.8 103.8 155.8
51 40.1 31.8 47.8
86 64.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 43.350 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

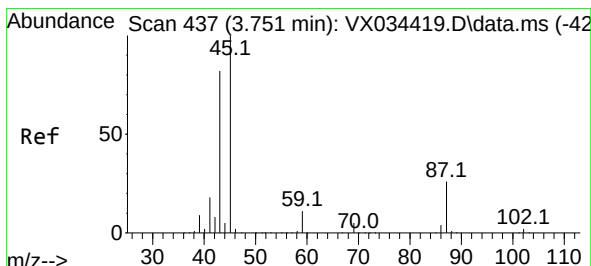
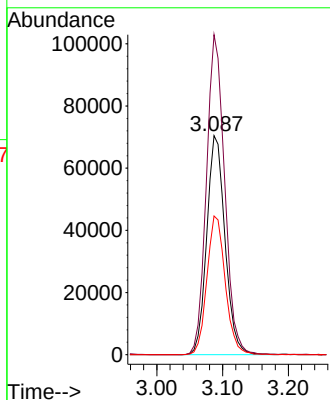
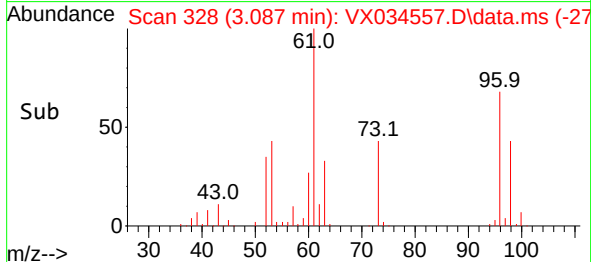
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



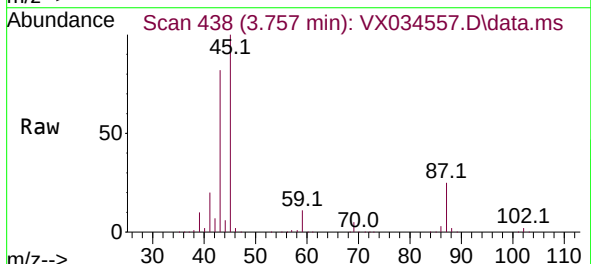
Tgt Ion: 96 Resp: 136340
Ion Ratio Lower Upper
96 100
61 146.1 113.0 169.6
98 63.4 52.1 78.1

Manual Integrations
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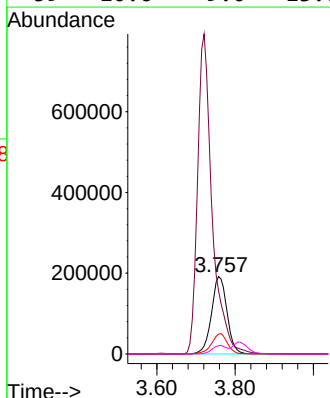
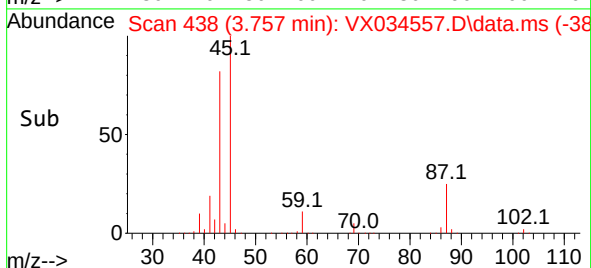
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

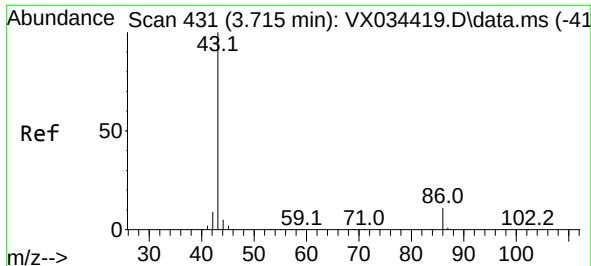


#22
Diisopropyl ether
Concen: 45.889 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



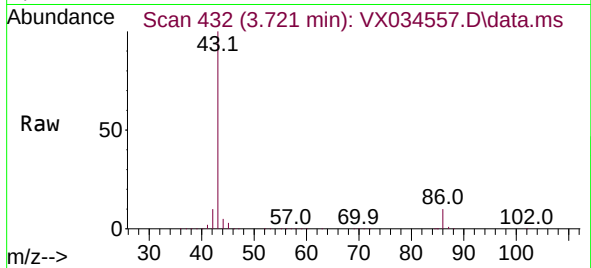
Tgt Ion: 45 Resp: 525294
Ion Ratio Lower Upper
45 100
43 81.8 65.4 98.2
87 25.4 20.6 31.0
59 10.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 236.492 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX034557.D
 Acq: 16 Mar 2023 19:43

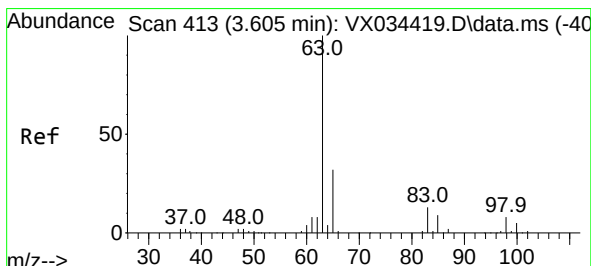
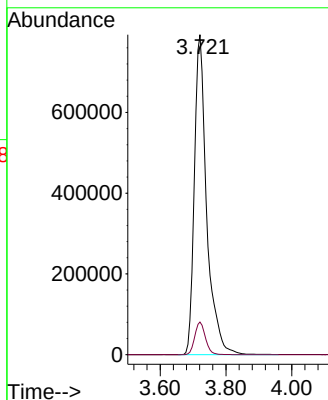
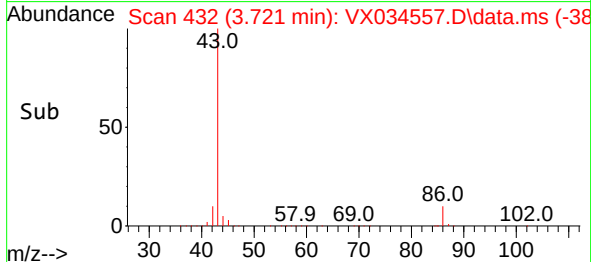
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



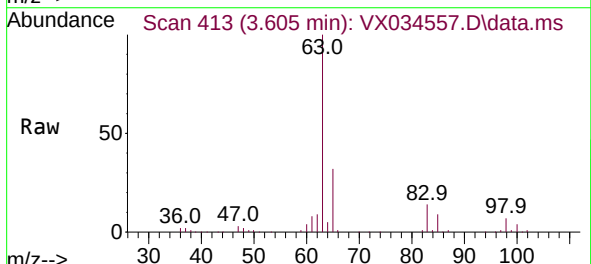
Tgt Ion: 43 Resp: 206033
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

Manual Integrations
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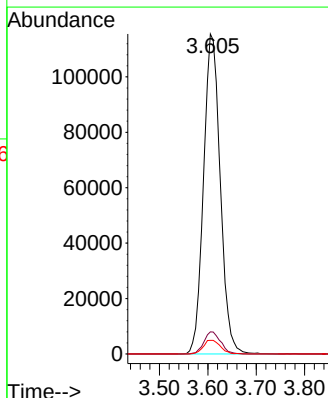
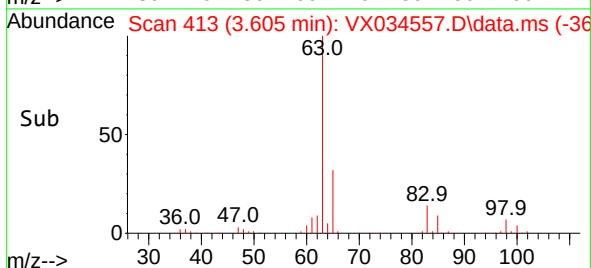
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

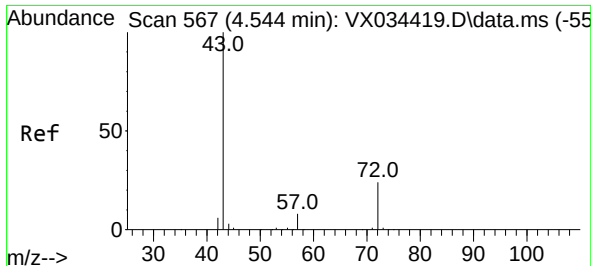


#24
 1,1-Dichloroethane
 Concen: 45.031 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034557.D
 Acq: 16 Mar 2023 19:43



Tgt Ion: 63 Resp: 277095
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.3 2.4 7.1





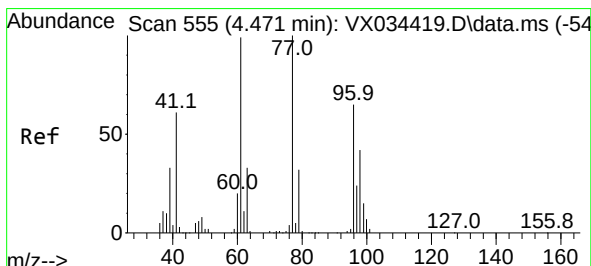
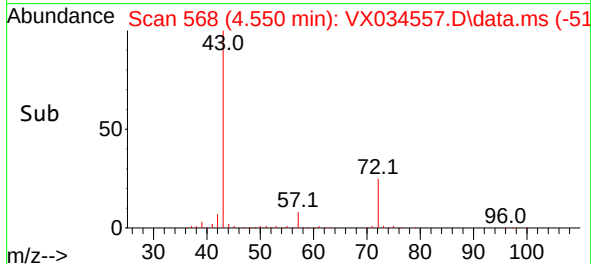
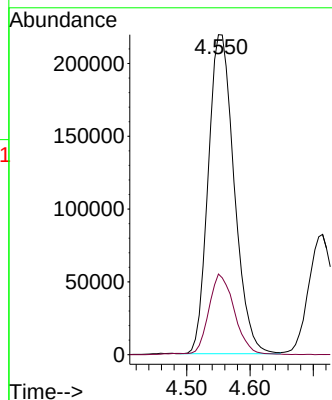
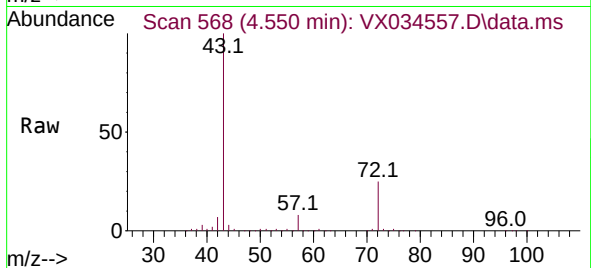
#25
2-Butanone
Concen: 235.245 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 62400
Ion Ratio Lower Upper
43 100
72 25.1 19.3 28.9

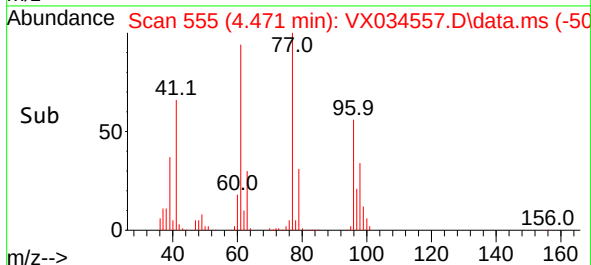
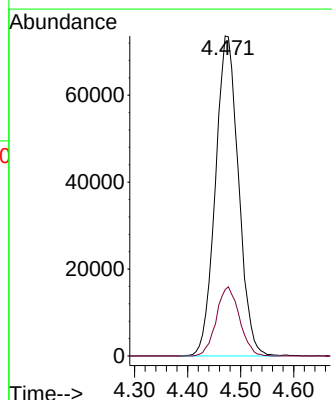
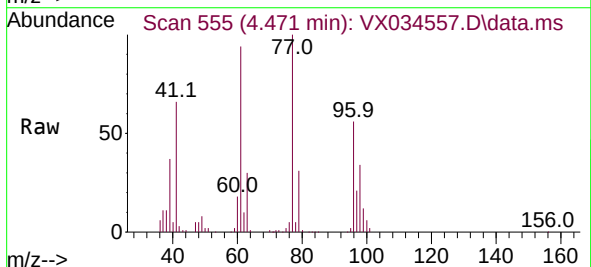
Manual Integrations
APPROVED

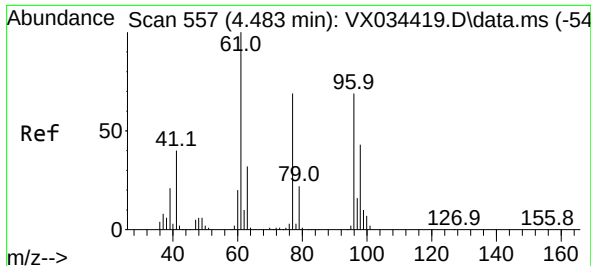
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
2,2-Dichloropropane
Concen: 41.689 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Tgt Ion: 77 Resp: 222987
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 44.224 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 16743

Ion Ratio Lower Upper

96 100

61 154.1 0.0 300.4

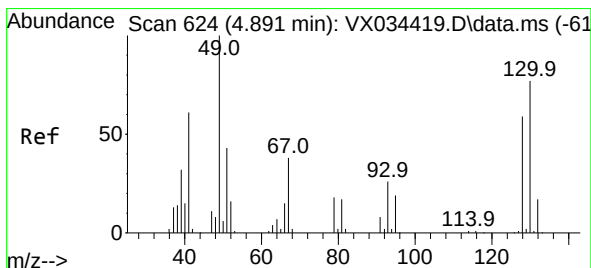
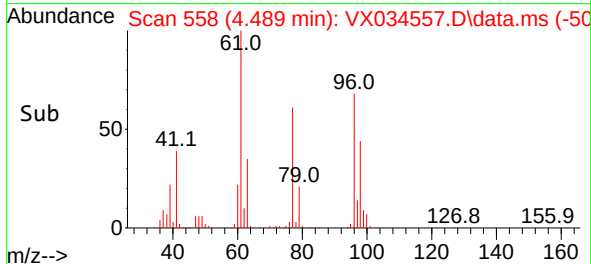
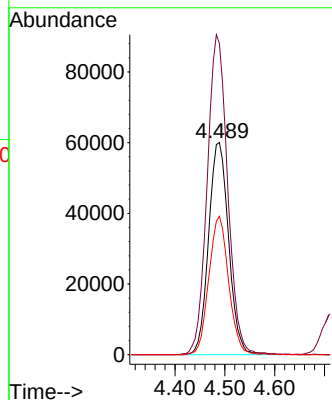
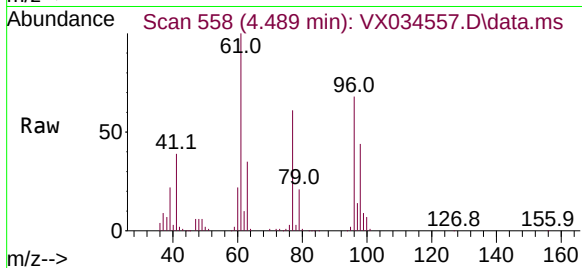
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#28

Bromochloromethane

Concen: 44.923 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

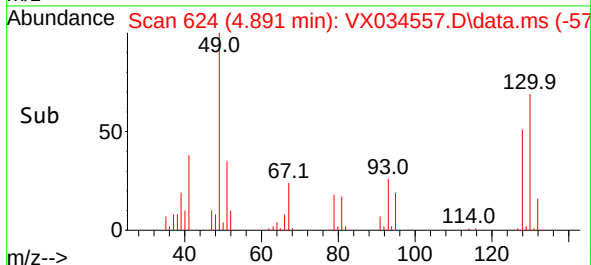
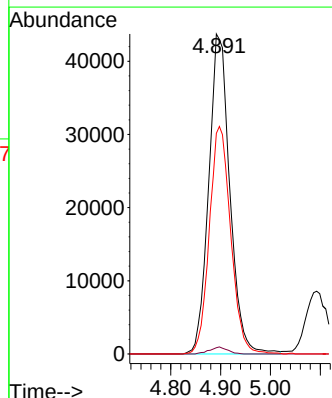
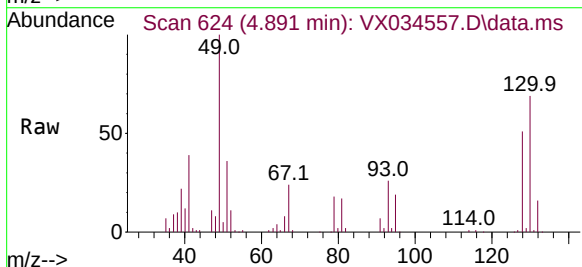
Tgt Ion: 49 Resp: 128531

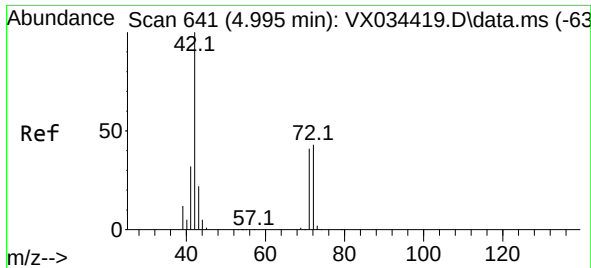
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 71.9 58.2 87.2





#29

Tetrahydrofuran

Concen: 240.756 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 394060

Ion Ratio Lower Upper

42 100

72 43.2 34.5 51.7

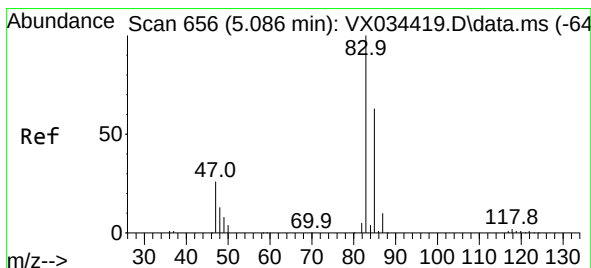
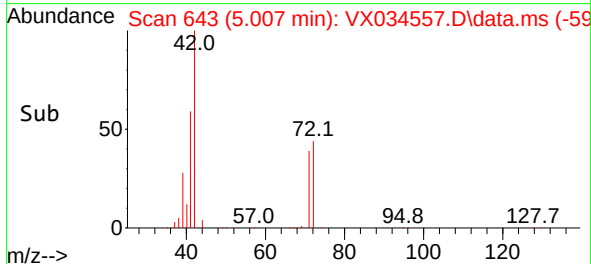
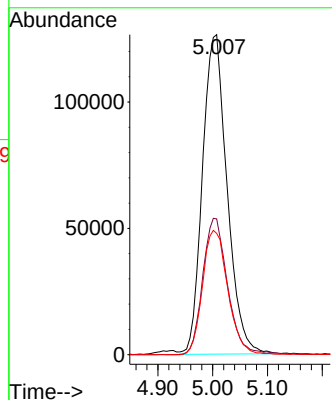
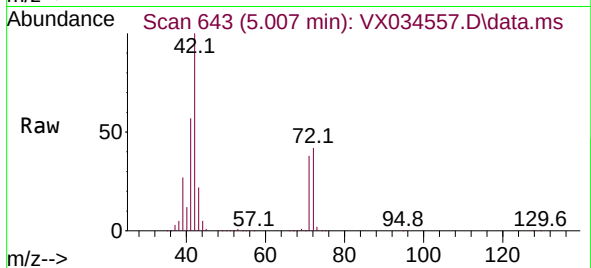
71 40.0 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#30

Chloroform

Concen: 47.848 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX034557.D

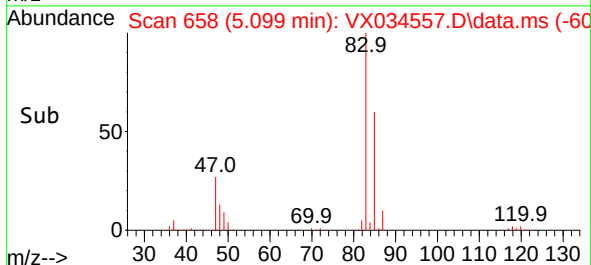
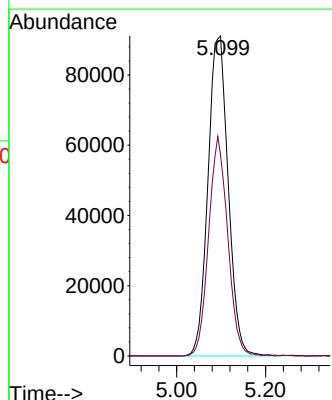
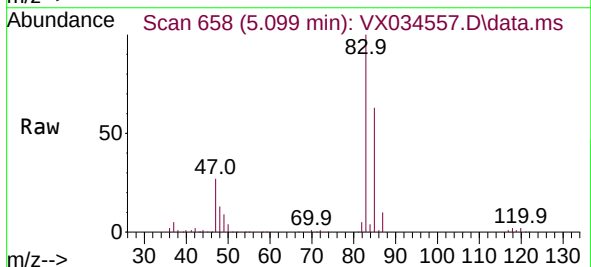
Acq: 16 Mar 2023 19:43

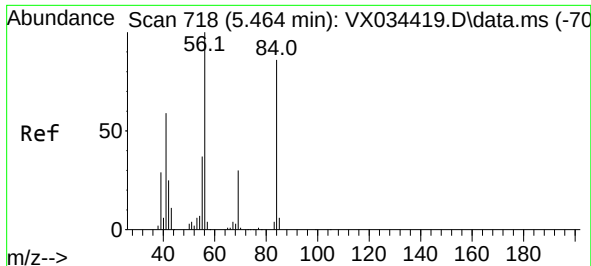
Tgt Ion: 83 Resp: 288611

Ion Ratio Lower Upper

83 100

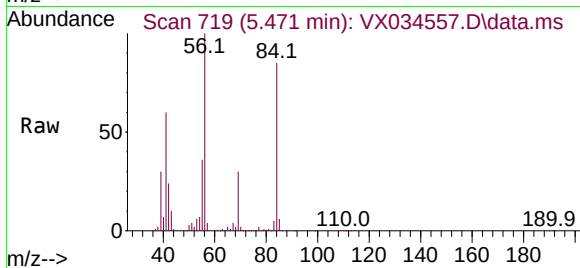
85 62.9 50.6 76.0





#31
Cyclohexane
Concen: 41.837 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

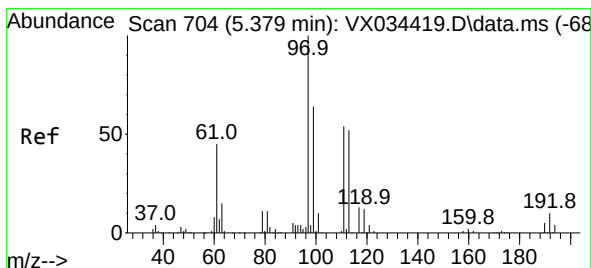
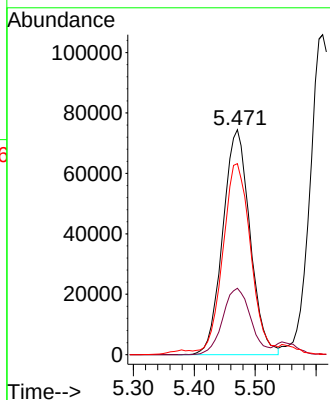
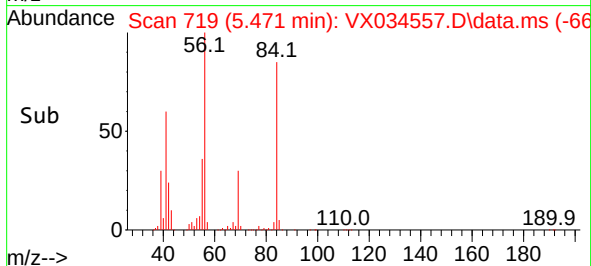
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 23091
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 83.2 68.5 102.7

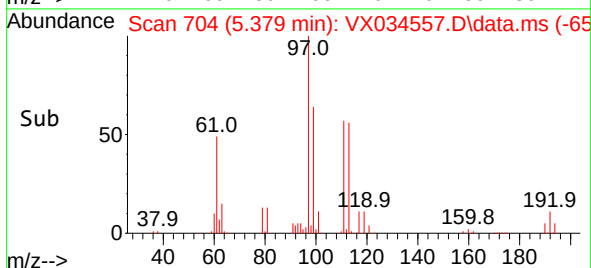
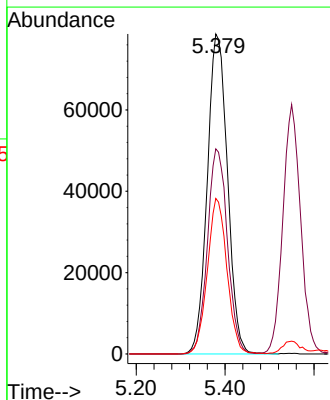
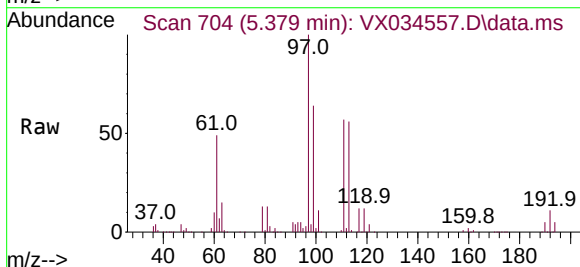
Manual Integrations
APPROVED

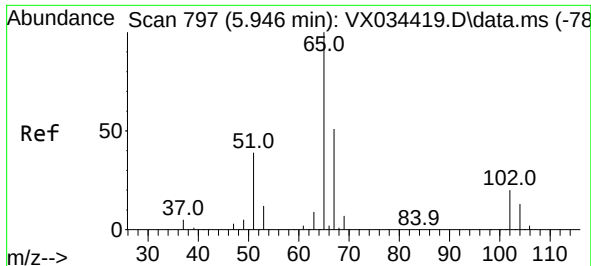
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#32
1,1,1-Trichloroethane
Concen: 46.584 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Tgt Ion: 97 Resp: 248749
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 47.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 46.171 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18170

Ion Ratio Lower Upper

65 100

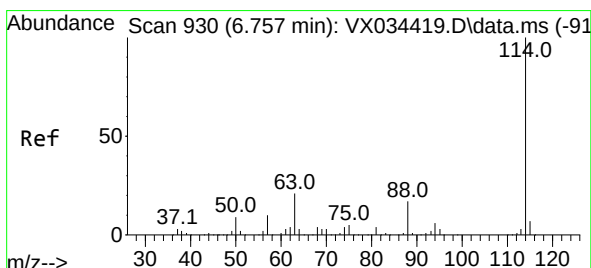
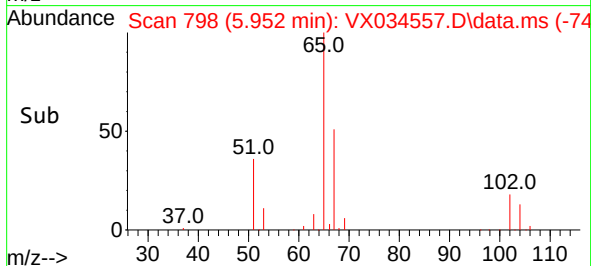
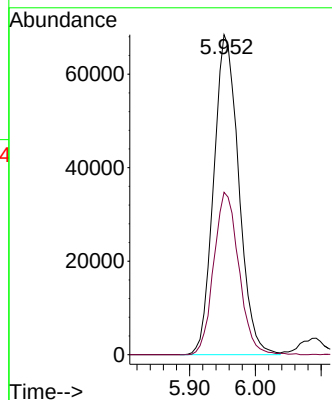
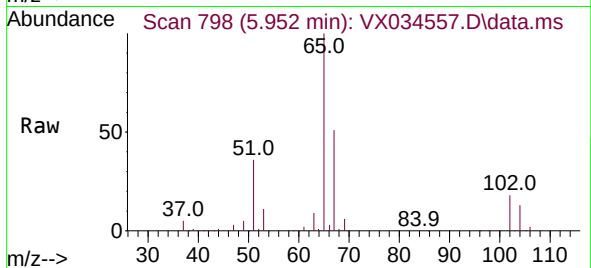
67 50.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

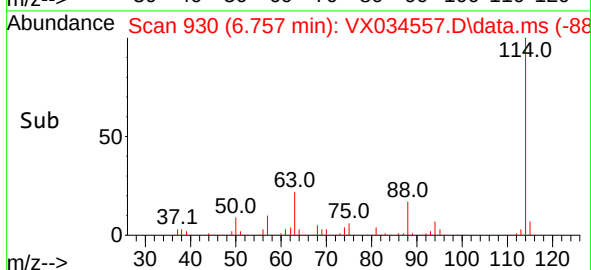
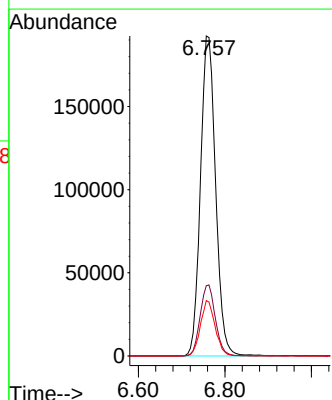
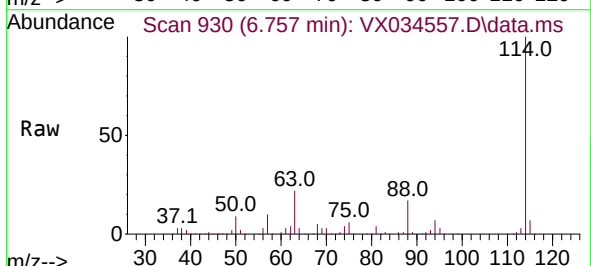
Tgt Ion:114 Resp: 467413

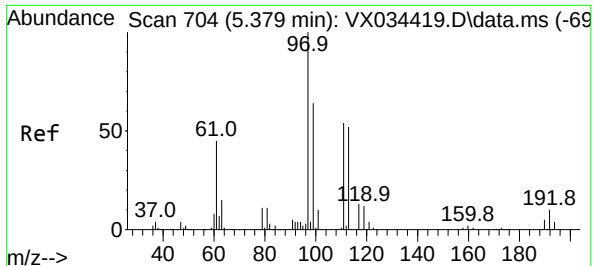
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.178 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034557.D

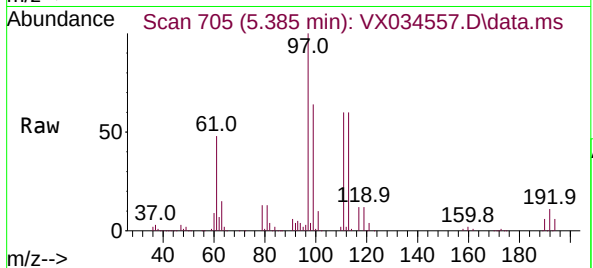
Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



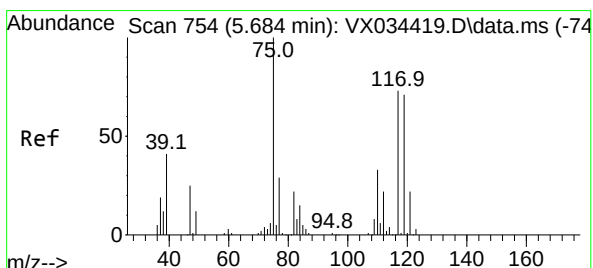
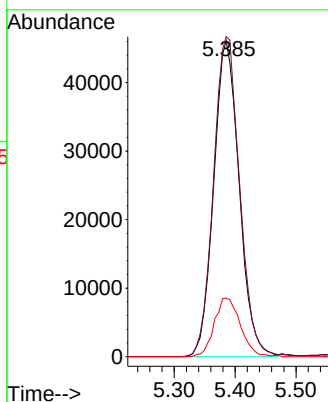
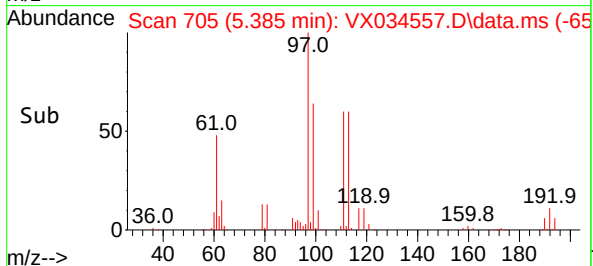
Tgt Ion:	113	Resp:	13325
Ion Ratio	Lower	Upper	
113	100		
111	104.3	83.7	125.5
192	19.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#36

1,1-Dichloropropene

Concen: 42.120 ug/l

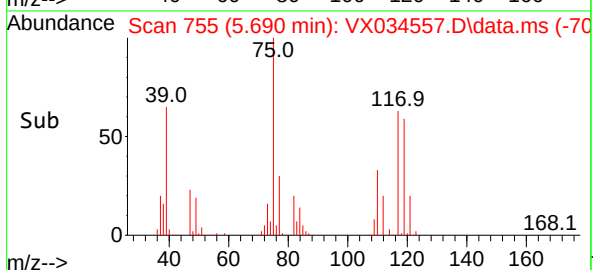
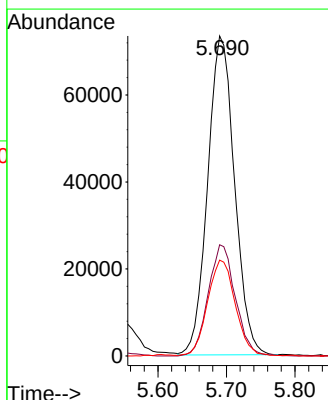
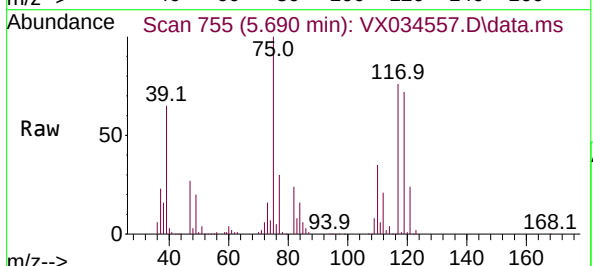
RT: 5.690 min Scan# 755

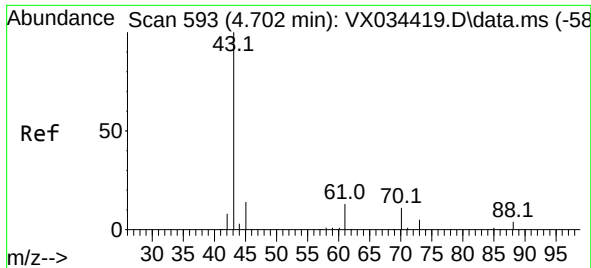
Delta R.T. 0.006 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Tgt Ion:	75	Resp:	199651
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.5	52.5
77	30.8	24.3	36.5





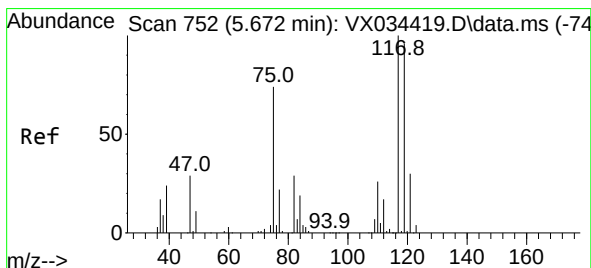
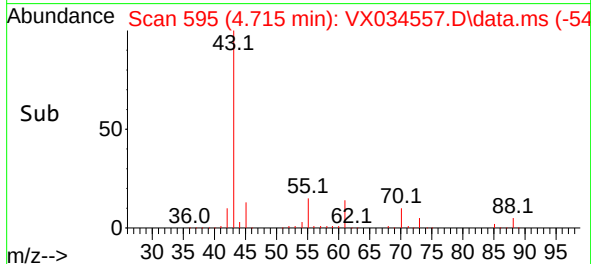
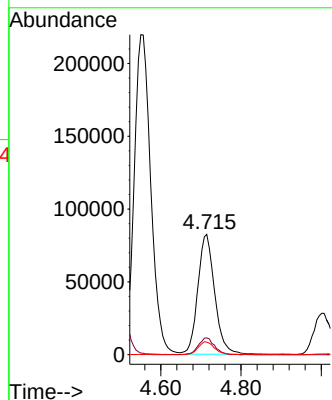
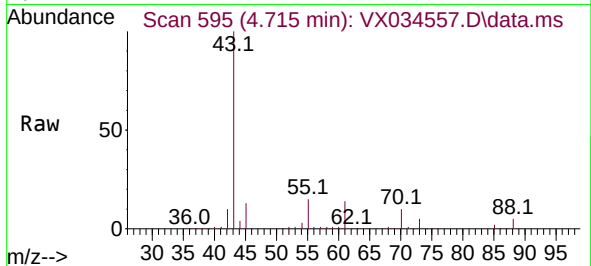
#37
Ethyl Acetate
Concen: 46.495 ug/l
RT: 4.715 min Scan# 593
Delta R.T. 0.012 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 240768
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 10.5 8.2 12.4

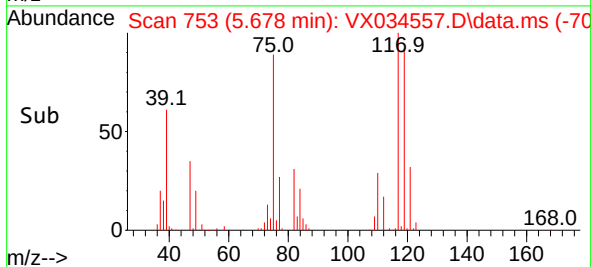
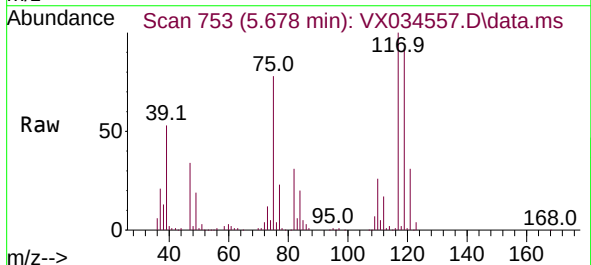
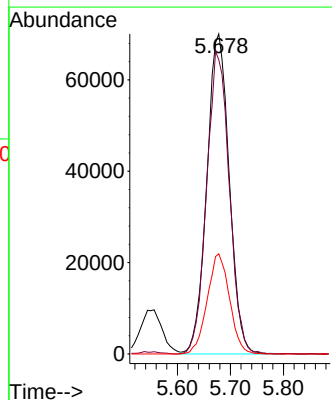
Manual Integrations
APPROVED

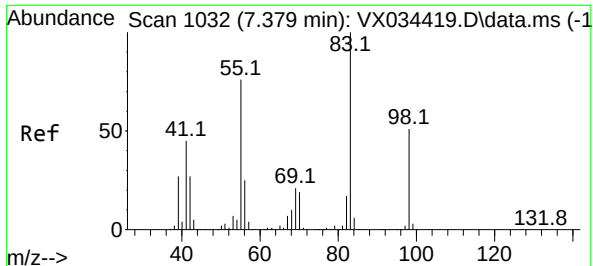
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#38
Carbon Tetrachloride
Concen: 43.765 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Tgt Ion:117 Resp: 206374
Ion Ratio Lower Upper
117 100
119 91.9 76.6 114.8
121 31.3 23.8 35.6





#39

Methylcyclohexane

Concen: 40.317 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 22869

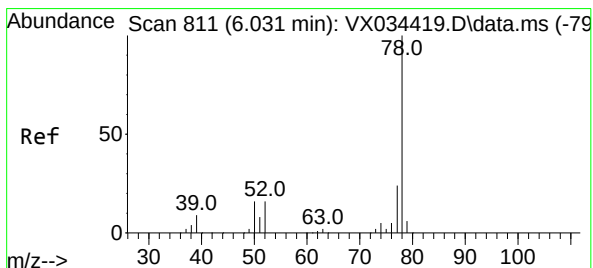
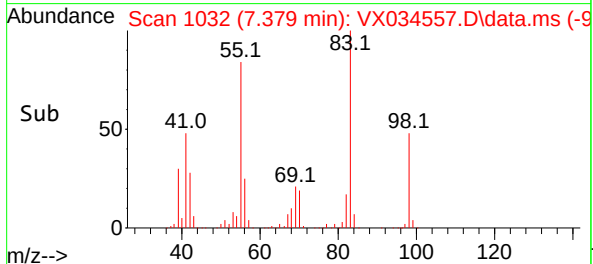
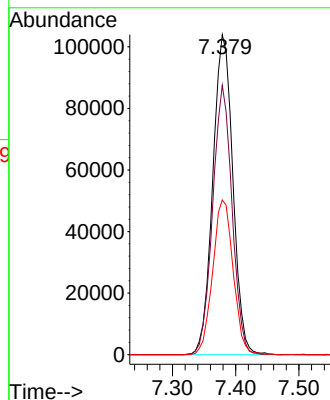
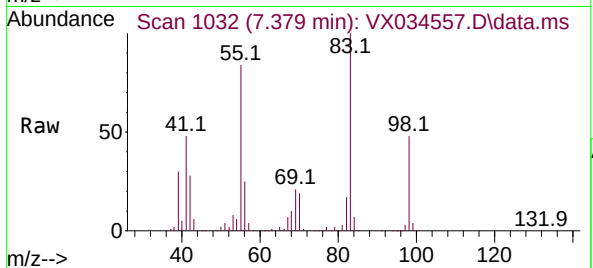
Ion	Ratio	Lower	Upper
83	100		
55	84.2	60.5	90.7
98	48.3	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#40

Benzene

Concen: 42.905 ug/l

RT: 6.038 min Scan# 812

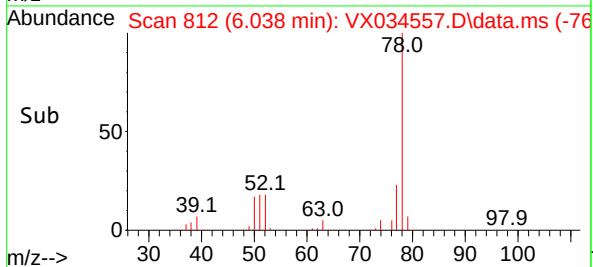
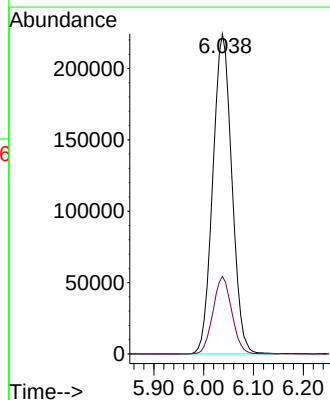
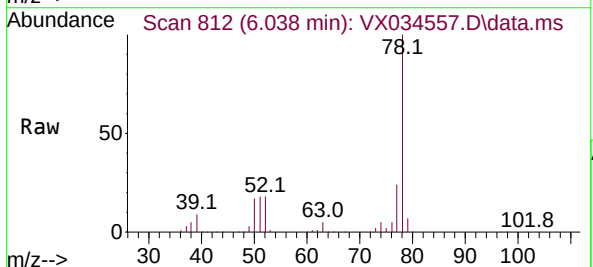
Delta R.T. 0.006 min

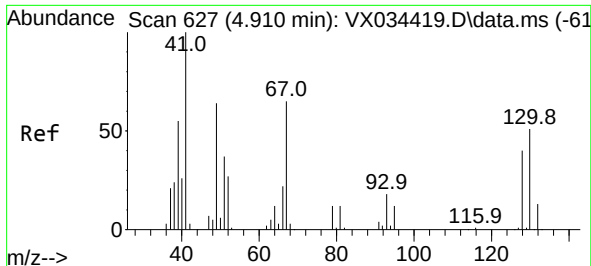
Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Tgt Ion: 78 Resp: 594935

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





#41
Methacrylonitrile
Concen: 47.770 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

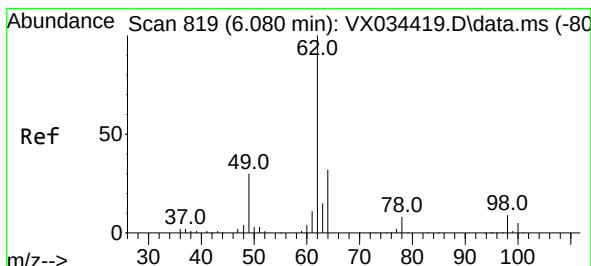
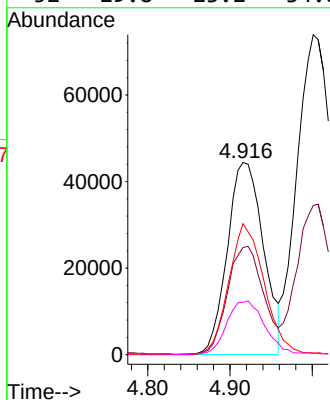
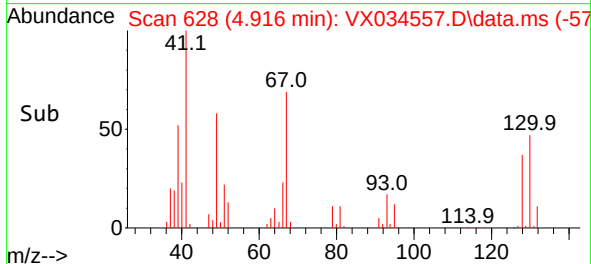
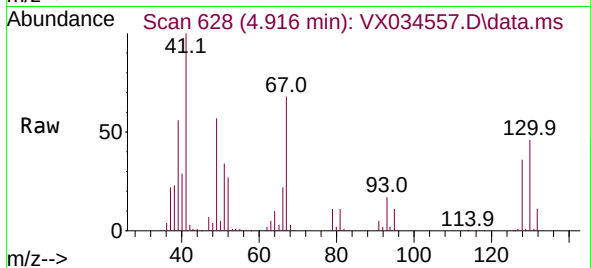
Tgt Ion: 41 Resp: 135560
Ion Ratio Lower Upper
41 100
39 56.0 45.0 67.6
67 67.4 55.6 83.4
52 29.8 23.2 34.8

Manual Integrations

APPROVED

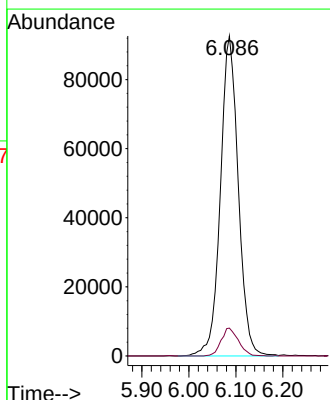
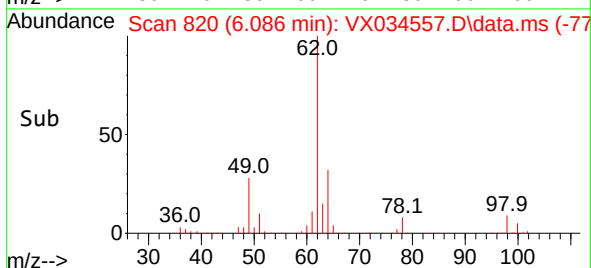
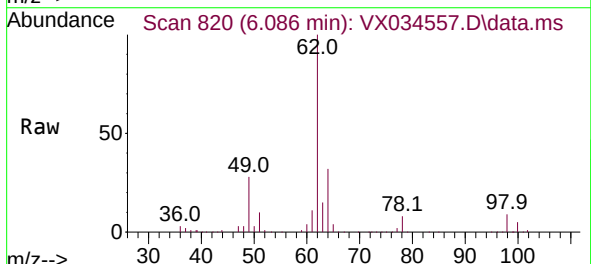
Reviewed By :John Carlone 03/17/2023

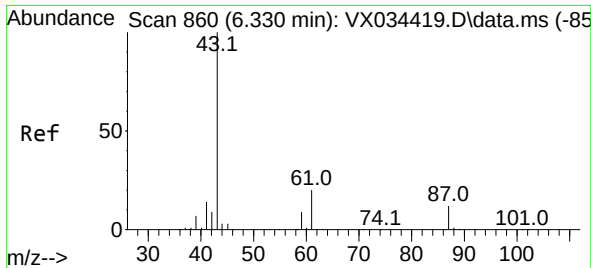
Supervised By :Mahesh Dadoda 03/17/2023



#42
1,2-Dichloroethane
Concen: 48.151 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

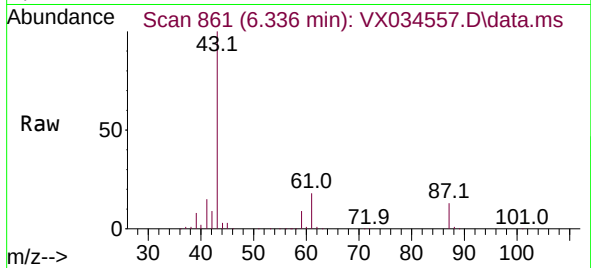
Tgt Ion: 62 Resp: 245386
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.0





#43
Isopropyl Acetate
Concen: 46.060 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

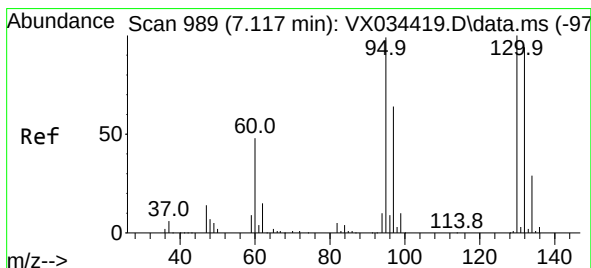
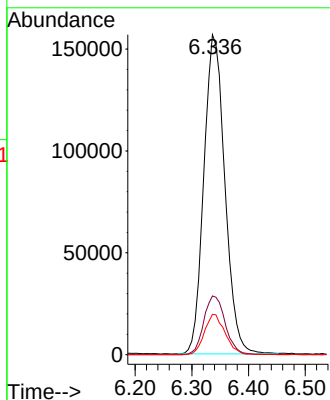
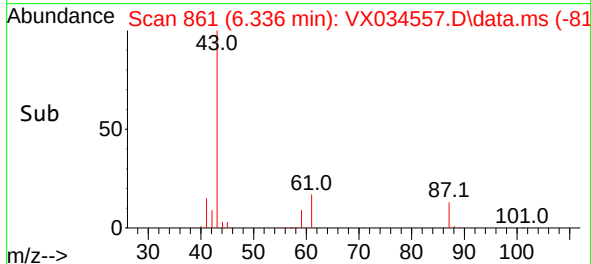
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 404058
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.4 9.8 14.8

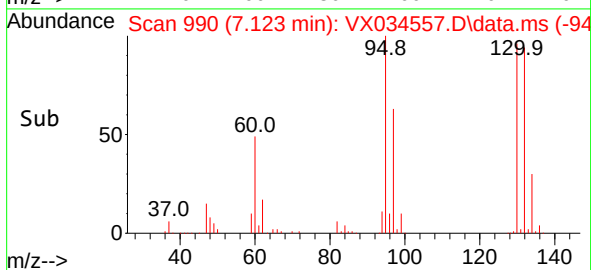
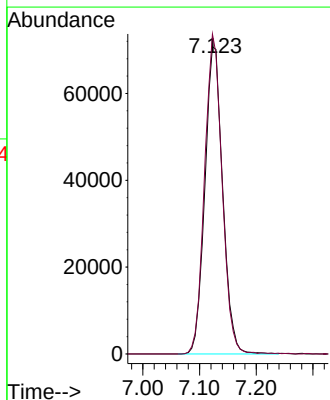
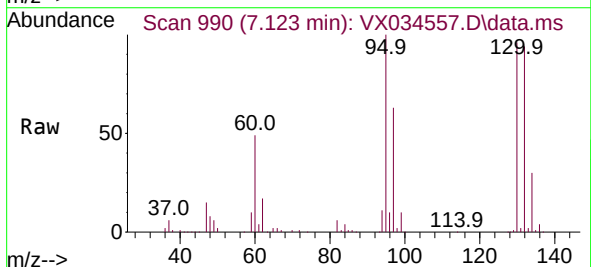
Manual Integrations
APPROVED

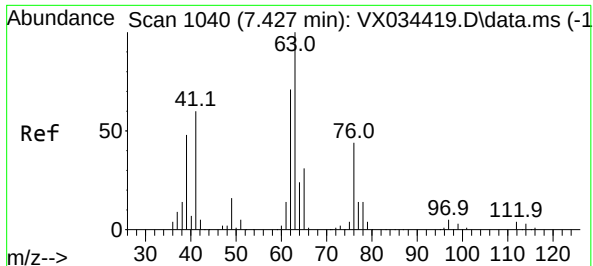
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#44
Trichloroethene
Concen: 43.056 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Tgt Ion:130 Resp: 155124
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 44.910 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 16260

Ion Ratio Lower Upper

63 100

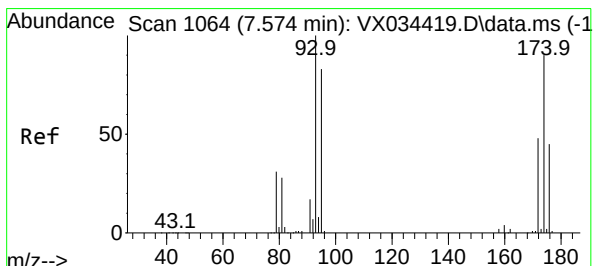
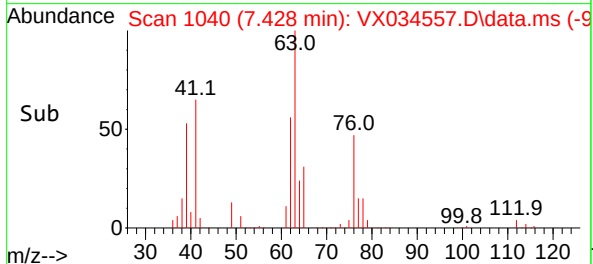
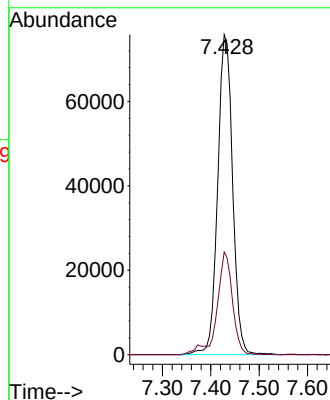
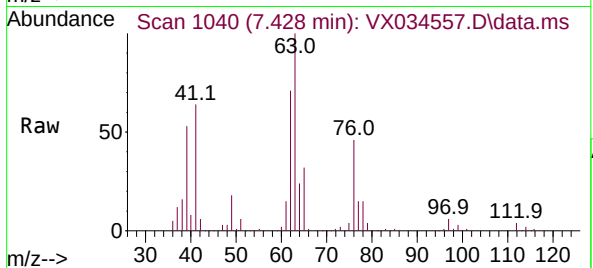
65 32.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#46

Dibromomethane

Concen: 45.025 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

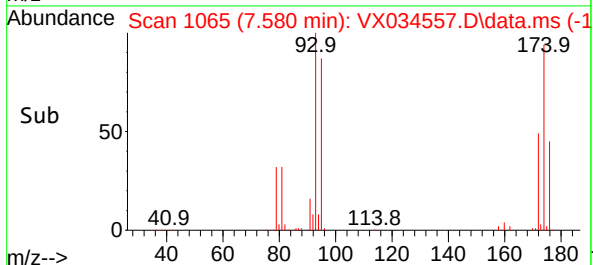
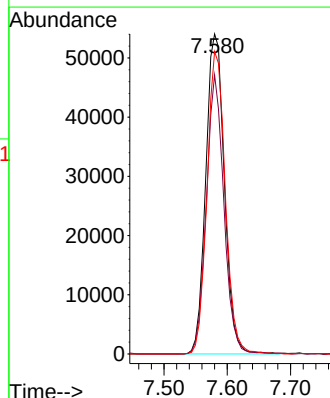
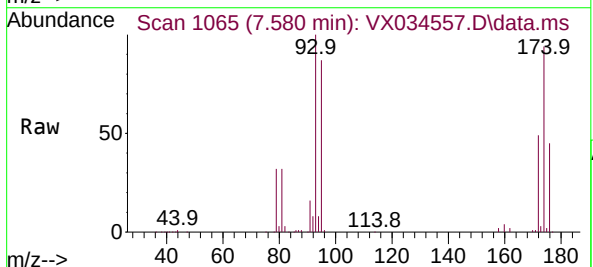
Tgt Ion: 93 Resp: 110826

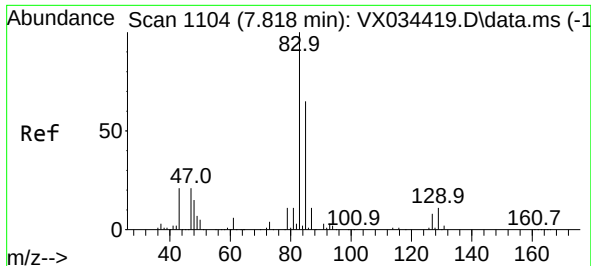
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

174 92.7 75.4 113.0





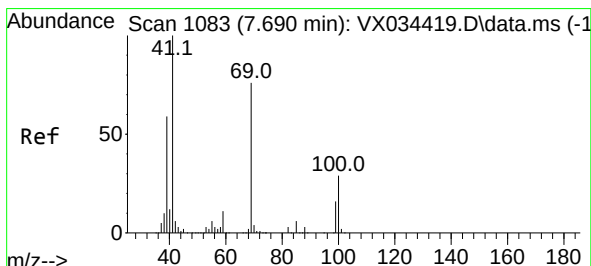
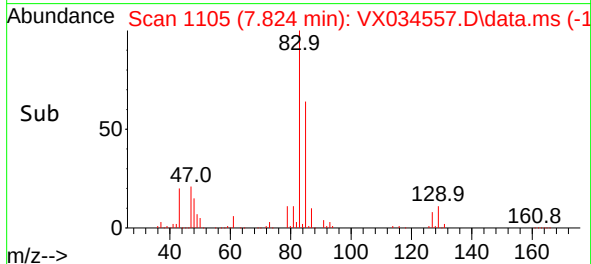
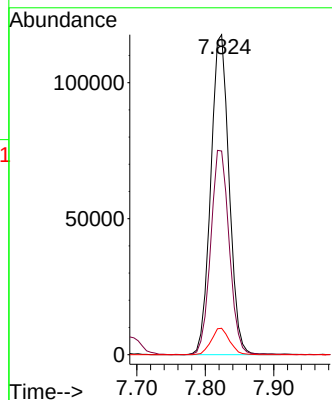
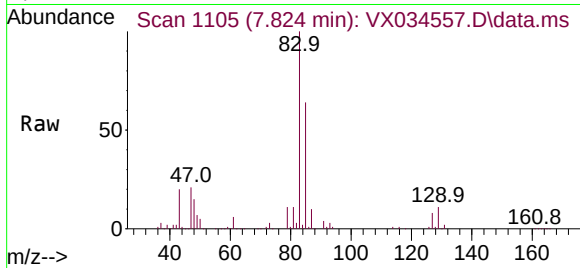
#47
Bromodichloromethane
Concen: 45.913 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 218724
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 8.3 6.6 9.8

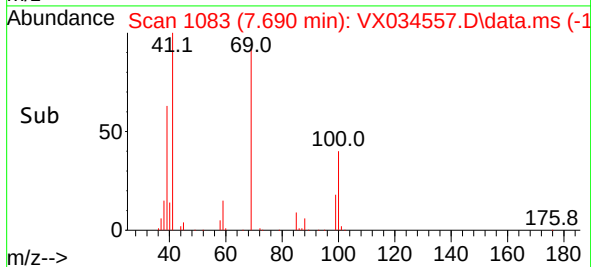
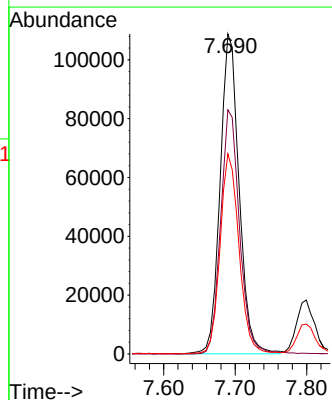
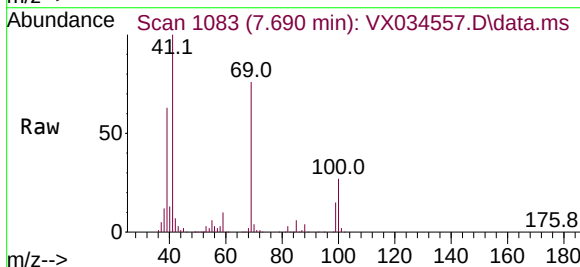
Manual Integrations
APPROVED

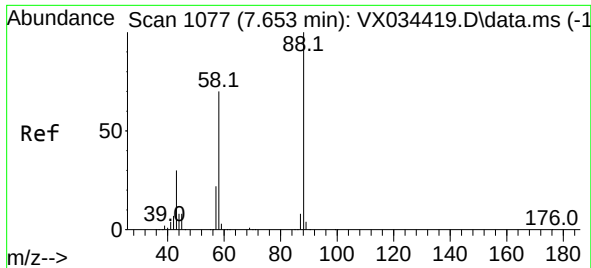
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#48
Methyl methacrylate
Concen: 47.410 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

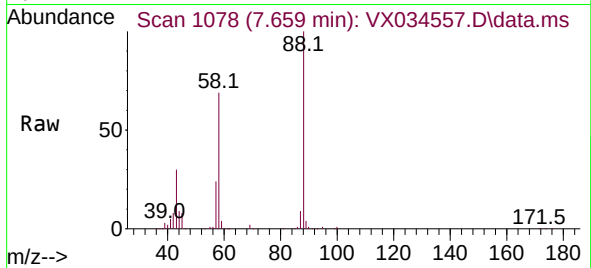
Tgt Ion: 41 Resp: 200028
Ion Ratio Lower Upper
41 100
69 76.6 62.2 93.4
39 62.6 47.7 71.5





#49
1,4-Dioxane
Concen: 999.855 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

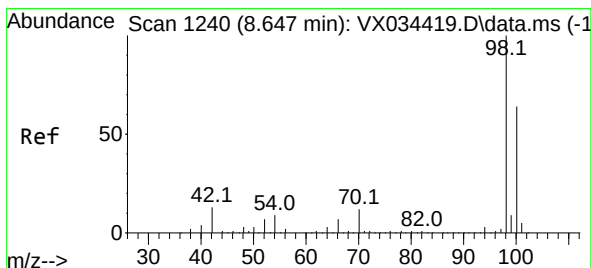
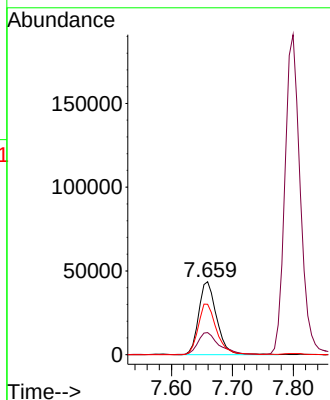
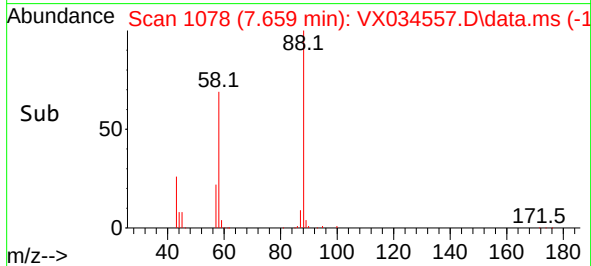
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 88604
Ion Ratio Lower Upper
88 100
43 35.4 27.7 41.5
58 71.2 56.8 85.2

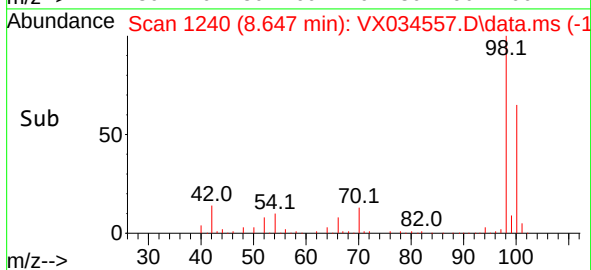
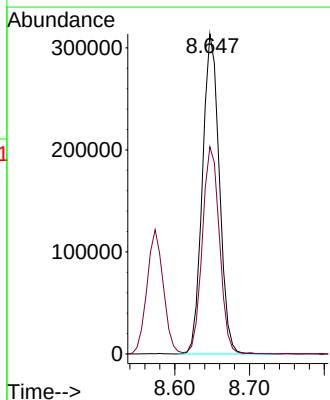
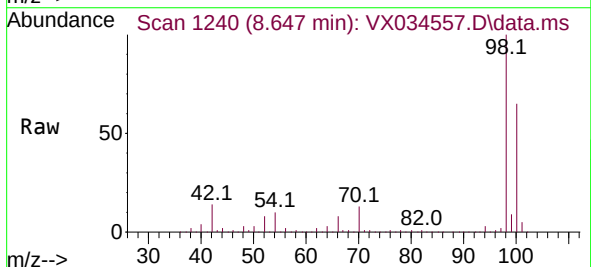
Manual Integrations
APPROVED

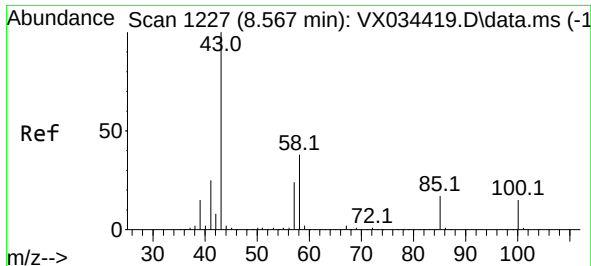
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#50
Toluene-d8
Concen: 42.688 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Tgt Ion: 98 Resp: 491788
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 244.354 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

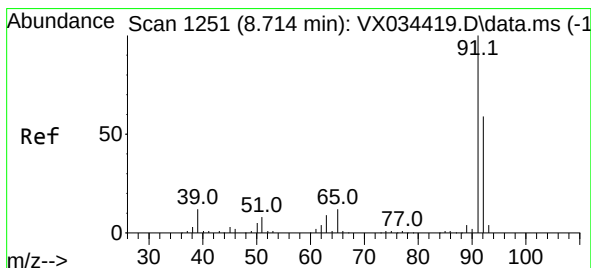
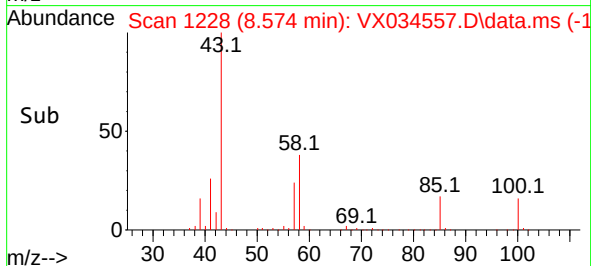
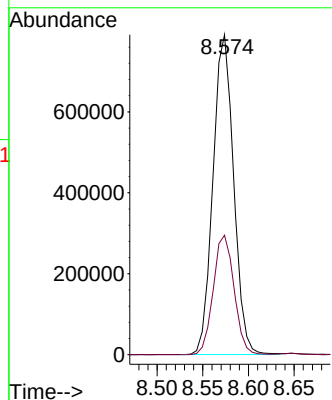
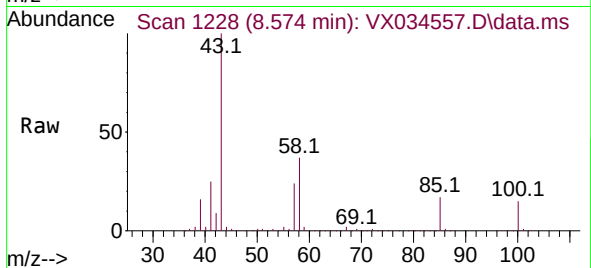
VSTDCCC050EC

Tgt Ion: 43 Resp: 1243512
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0

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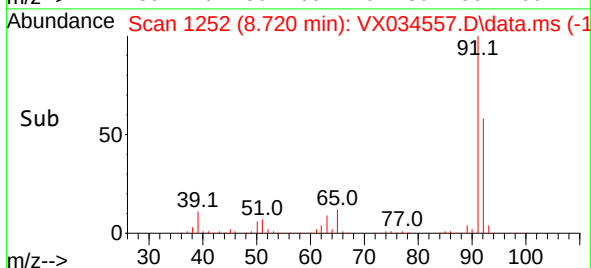
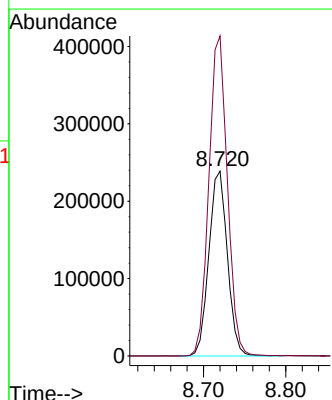
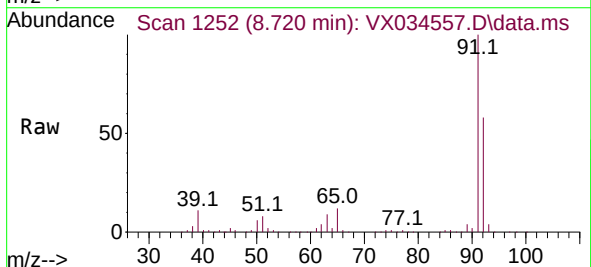
APPROVED

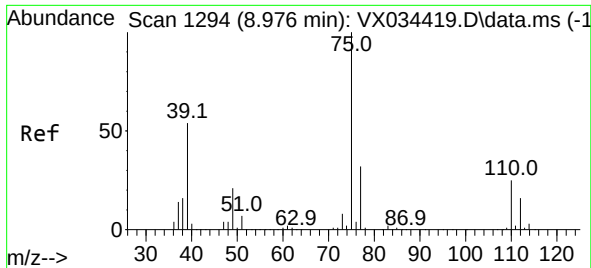
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#52
Toluene
Concen: 43.510 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

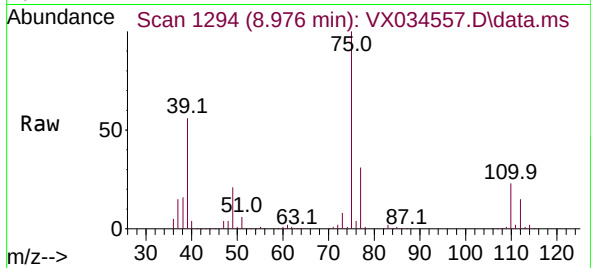
Tgt Ion: 92 Resp: 373524
Ion Ratio Lower Upper
92 100
91 173.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 44.754 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

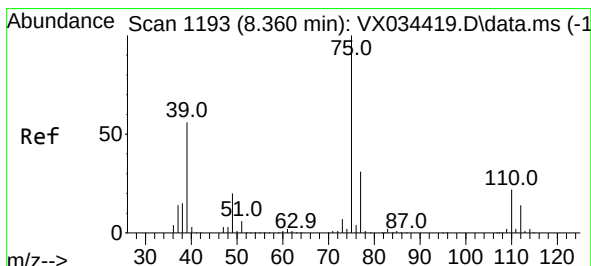
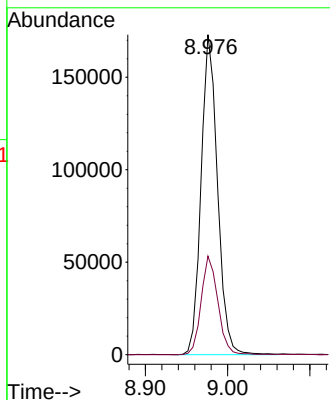
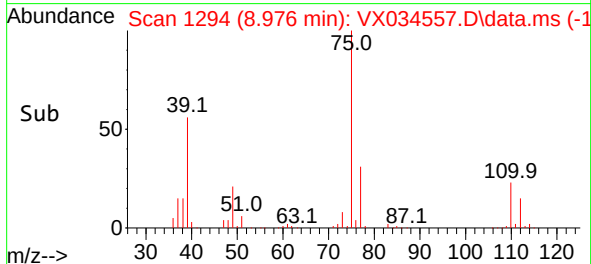
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



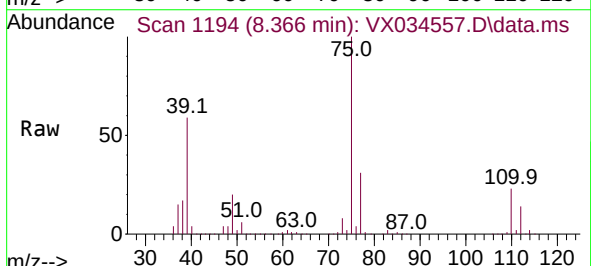
Tgt Ion: 75 Resp: 24019
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

Manual Integrations
APPROVED

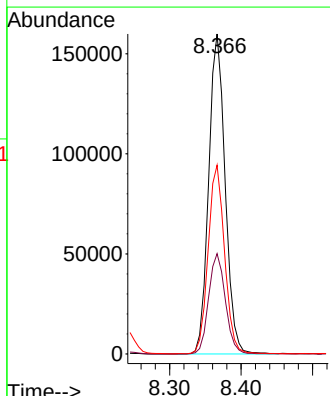
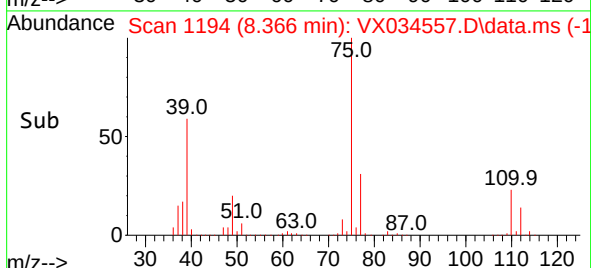
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

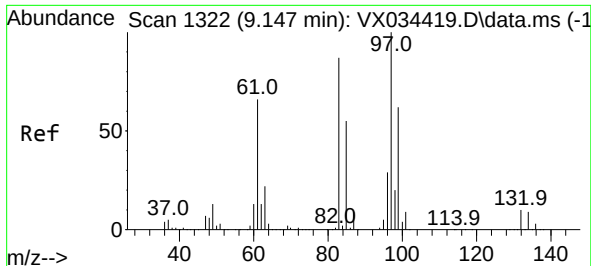


#54
cis-1,3-Dichloropropene
Concen: 44.041 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



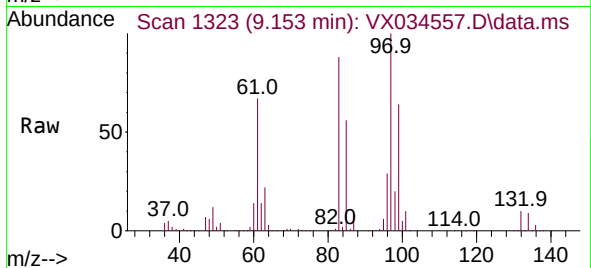
Tgt Ion: 75 Resp: 255725
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 58.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 46.809 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

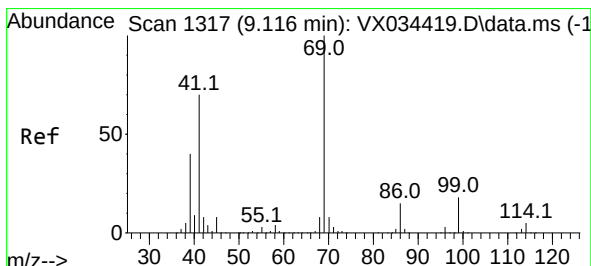
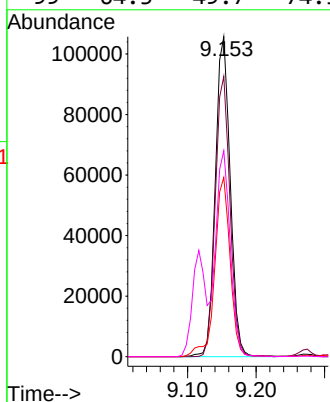
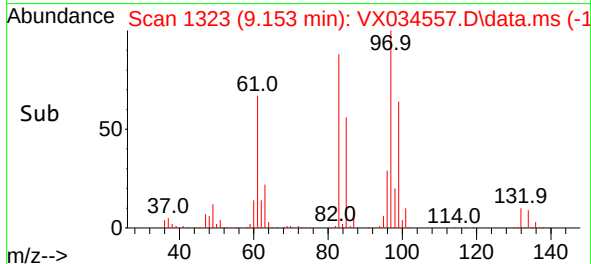
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



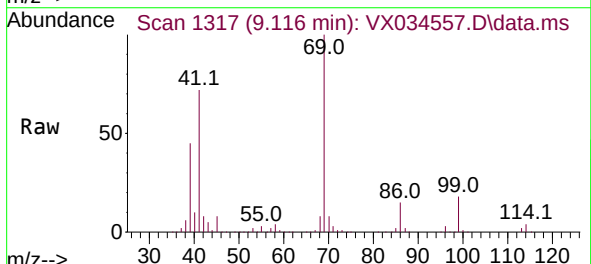
Tgt Ion: 97 Resp: 159479
Ion Ratio Lower Upper
97 100
83 87.6 69.7 104.5
85 56.0 43.7 65.5
99 64.3 49.7 74.5

Manual Integrations
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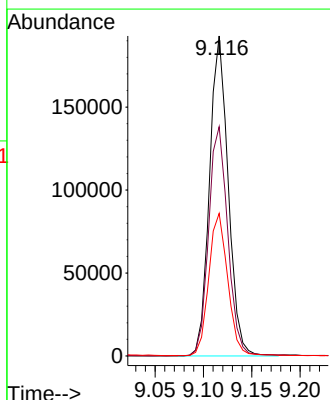
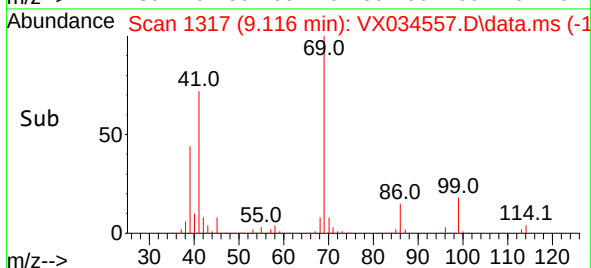
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

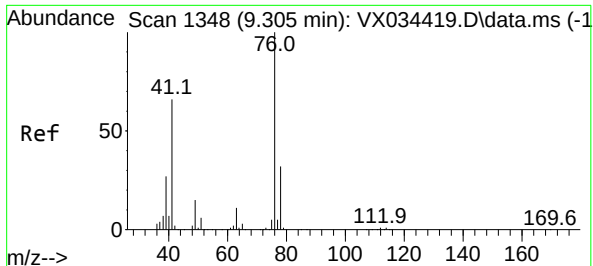


#56
Ethyl methacrylate
Concen: 46.307 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



Tgt Ion: 69 Resp: 259038
Ion Ratio Lower Upper
69 100
41 73.6 57.4 86.0
39 45.4 33.7 50.5





#57

1,3-Dichloropropane

Concen: 45.613 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 27619

Ion Ratio Lower Upper

76 100

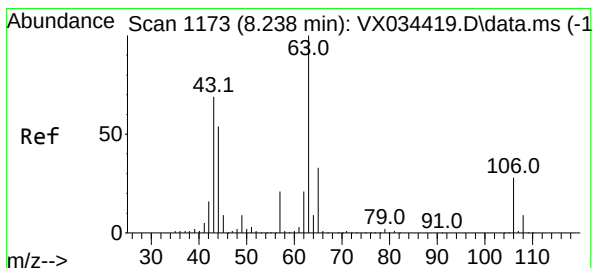
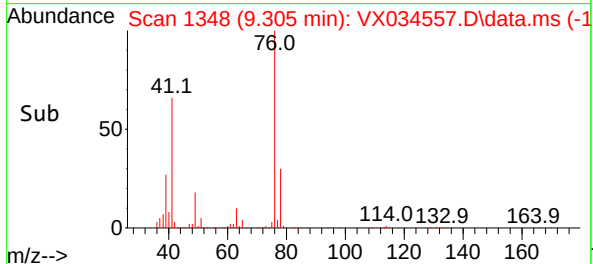
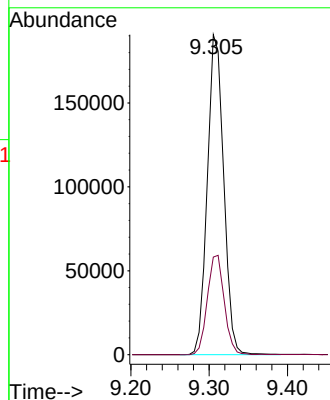
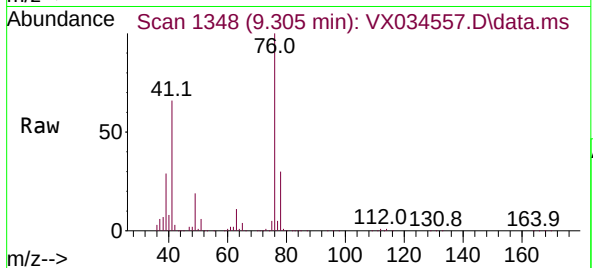
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.719 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034557.D

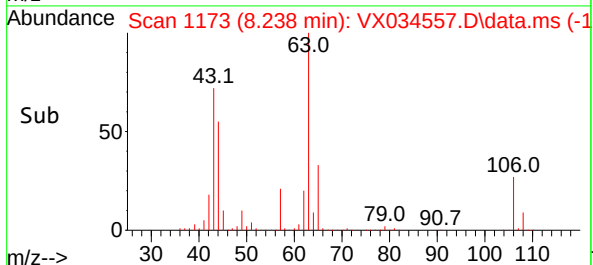
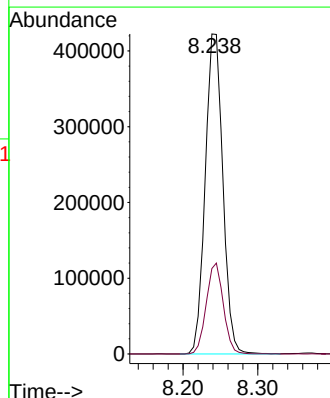
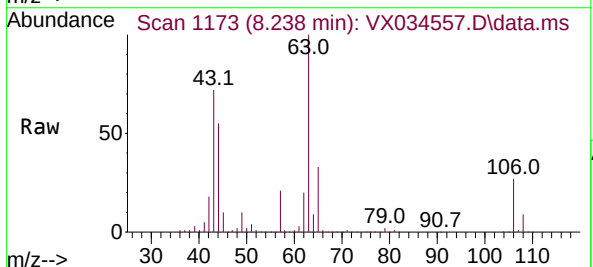
Acq: 16 Mar 2023 19:43

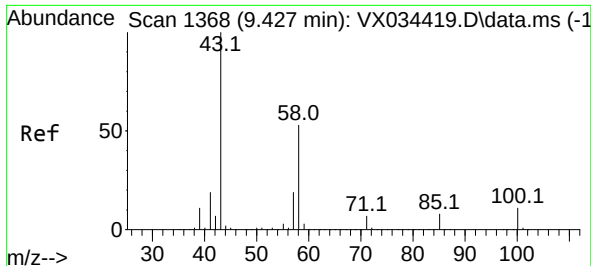
Tgt Ion: 63 Resp: 691077

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.2





#59

2-Hexanone

Concen: 243.601 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 958294

Ion Ratio Lower Upper

43 100

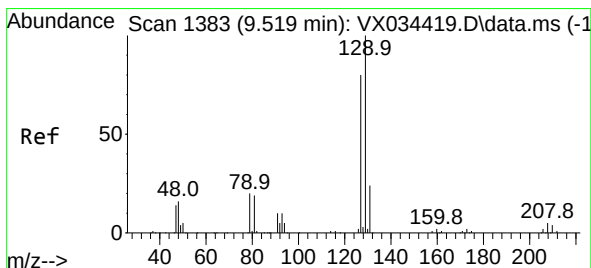
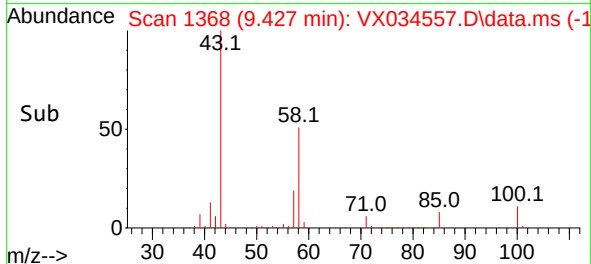
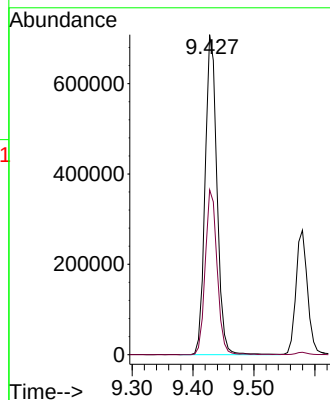
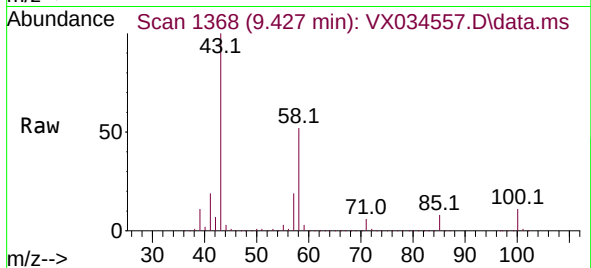
58 51.7 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#60

Dibromochloromethane

Concen: 45.673 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034557.D

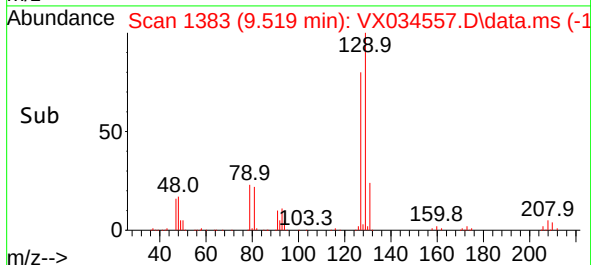
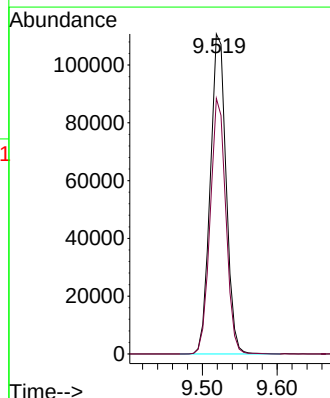
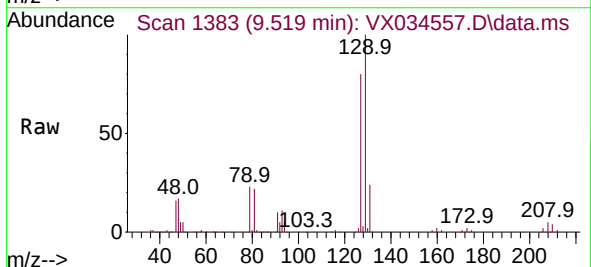
Acq: 16 Mar 2023 19:43

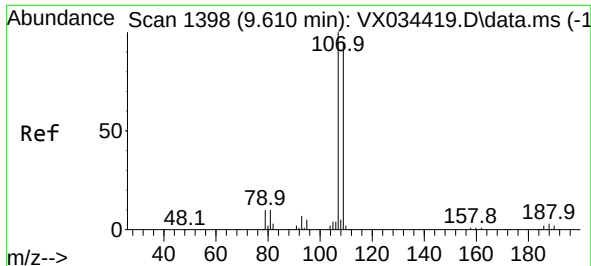
Tgt Ion:129 Resp: 163202

Ion Ratio Lower Upper

129 100

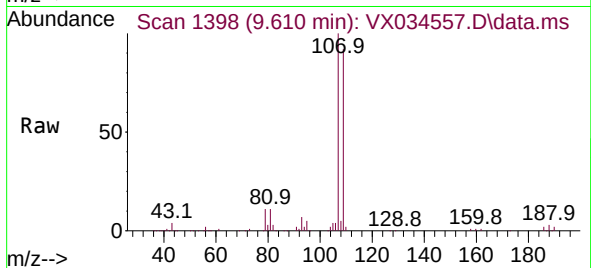
127 78.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 46.003 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

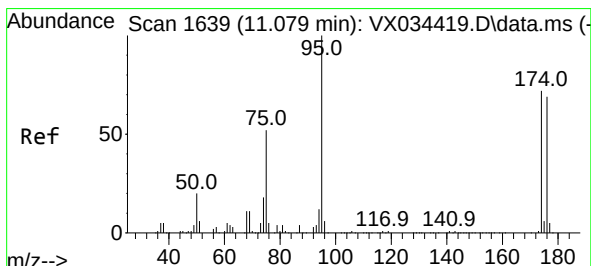
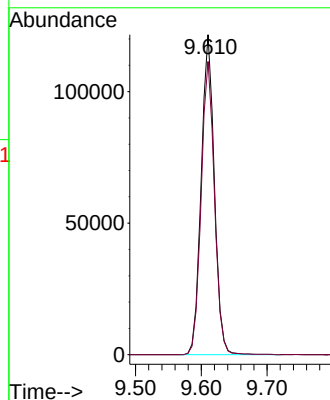
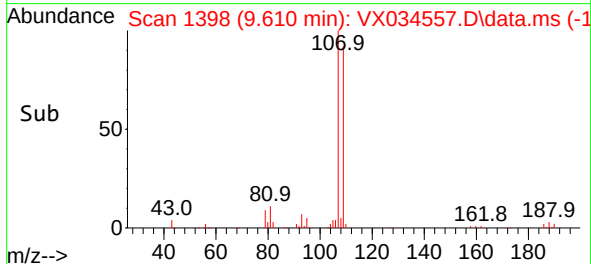
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 169129
Ion Ratio Lower Upper
107 100
109 92.4 75.3 112.9

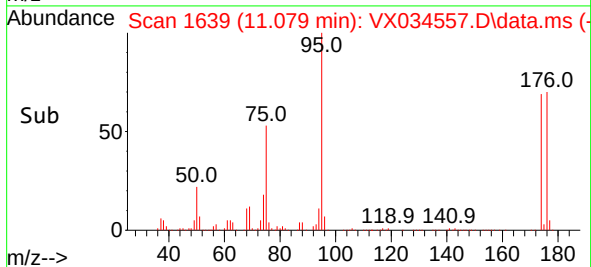
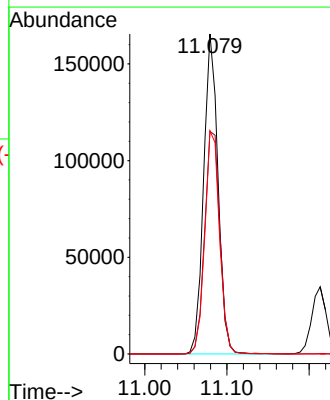
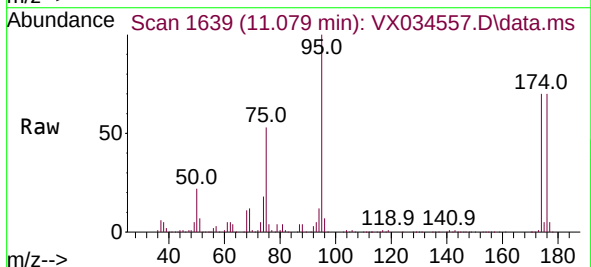
Manual Integrations
APPROVED

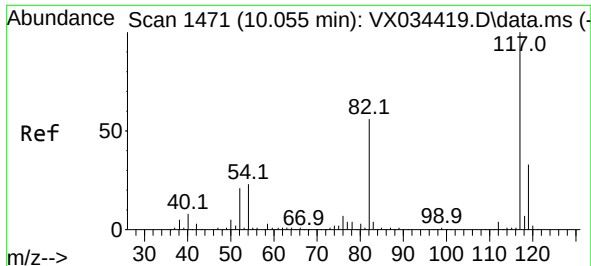
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#62
4-Bromofluorobenzene
Concen: 43.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

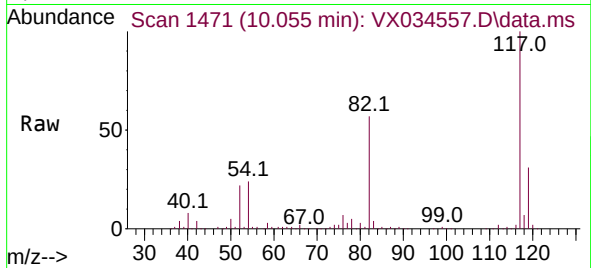
Tgt Ion: 95 Resp: 200535
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 71.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

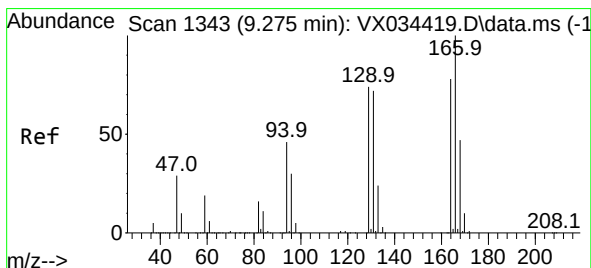
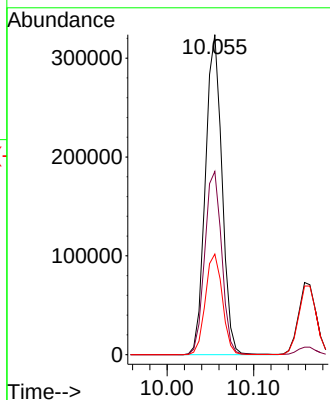
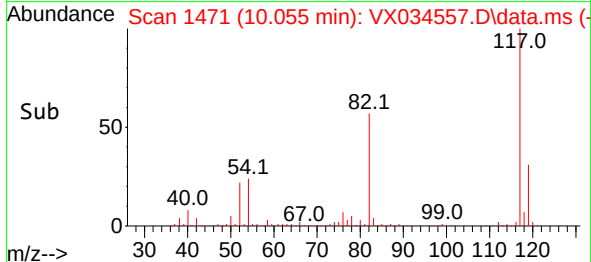
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 43085
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 31.5 26.0 39.0

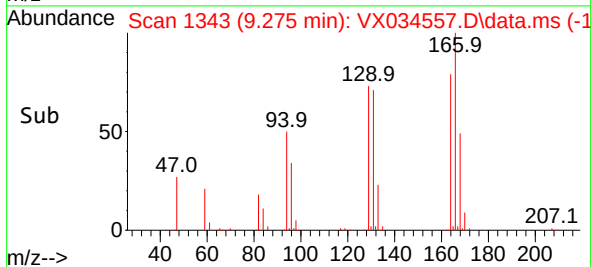
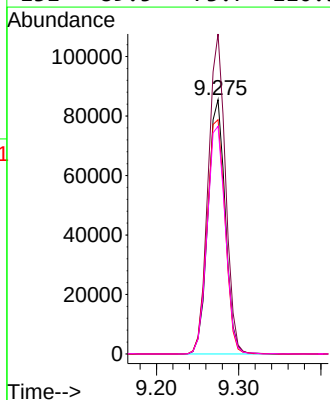
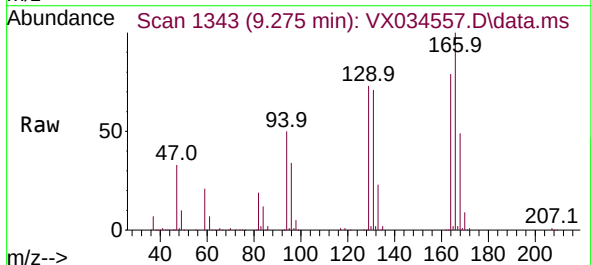
Manual Integrations
APPROVED

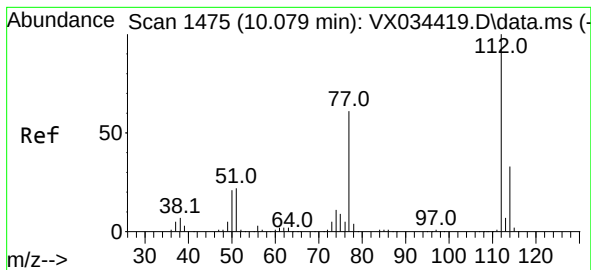
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#64
Tetrachloroethene
Concen: 42.990 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Tgt Ion:164 Resp: 124423
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 92.1 75.6 113.4
131 89.5 73.7 110.5





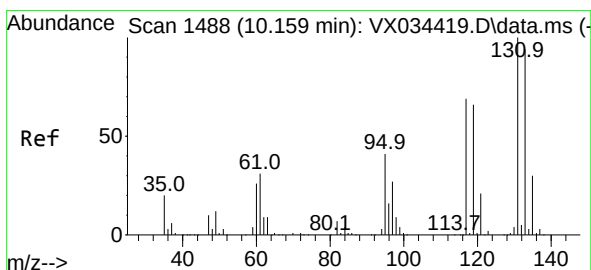
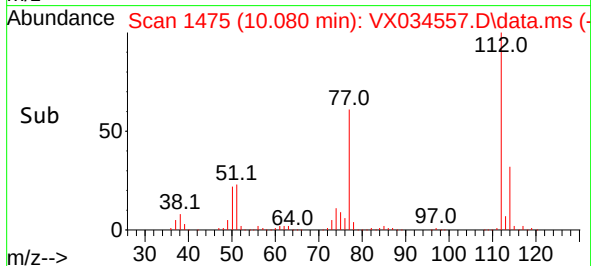
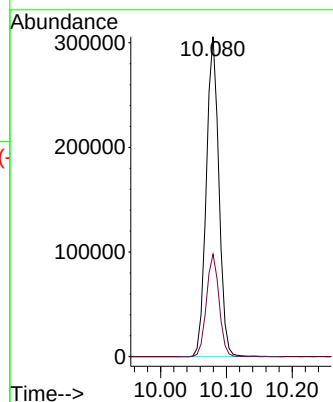
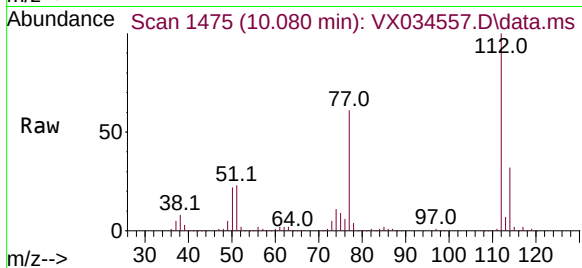
#65
Chlorobenzene
Concen: 43.071 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 40716
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

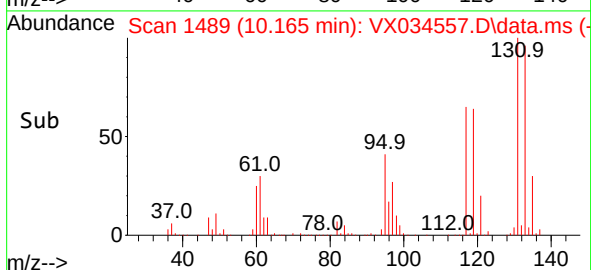
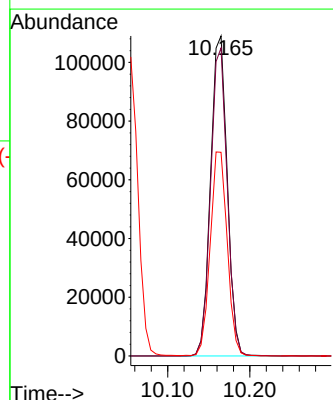
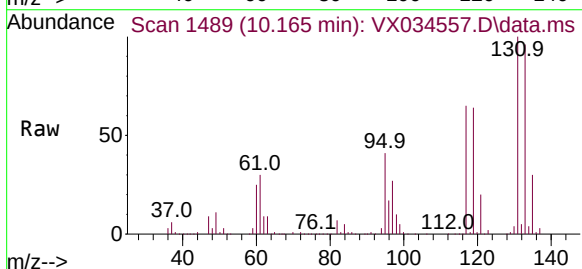
Manual Integrations
APPROVED

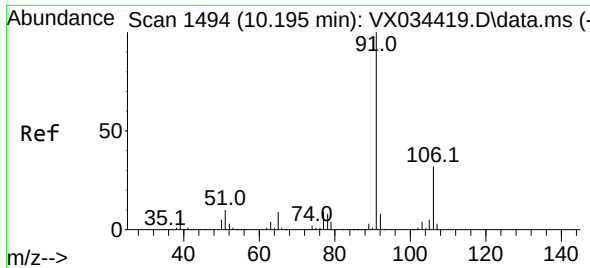
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 44.527 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

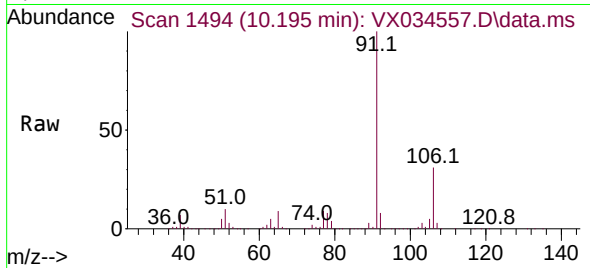
Tgt Ion:131 Resp: 153305
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 65.1 32.6 98.0





#67
Ethyl Benzene
Concen: 43.675 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

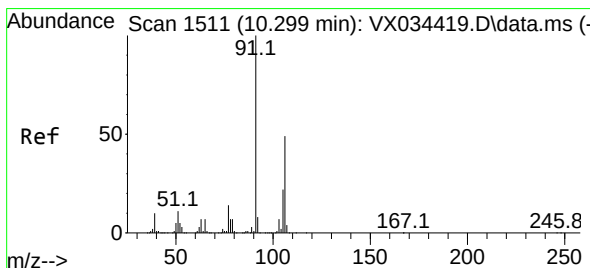
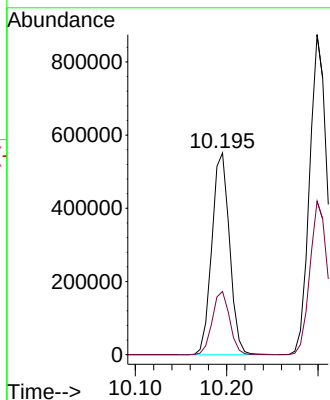
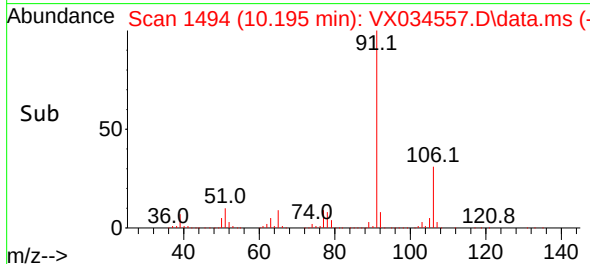
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



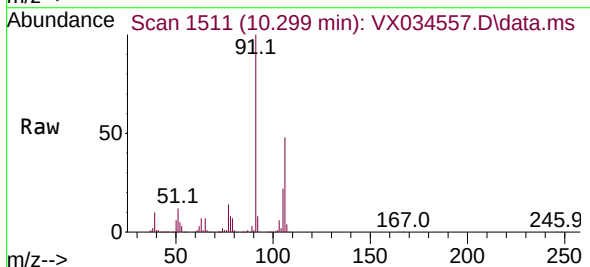
Tgt Ion: 91 Resp: 73914
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

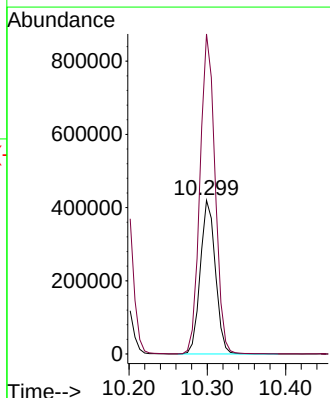
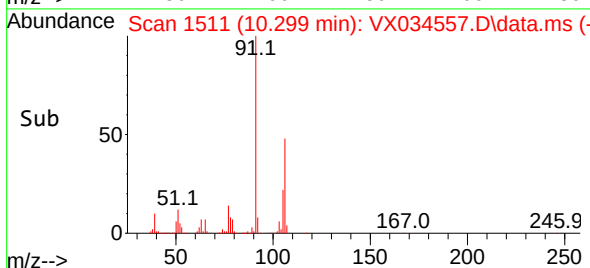
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

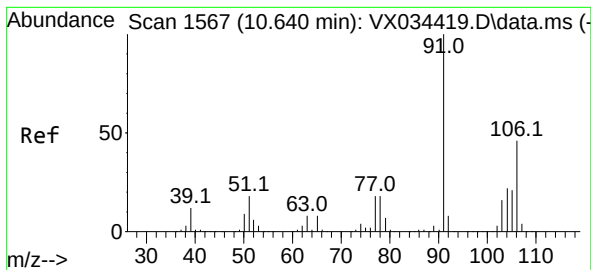


#68
m/p-Xylenes
Concen: 86.190 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



Tgt Ion:106 Resp: 560325
Ion Ratio Lower Upper
106 100
91 208.5 164.0 246.0





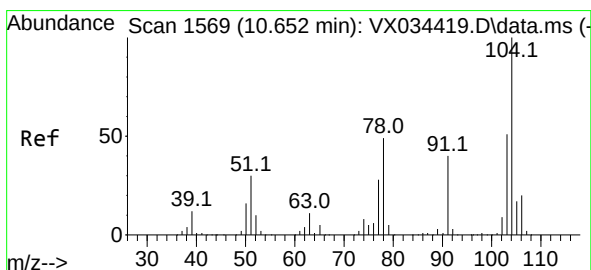
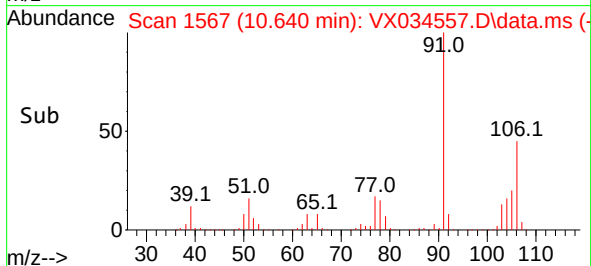
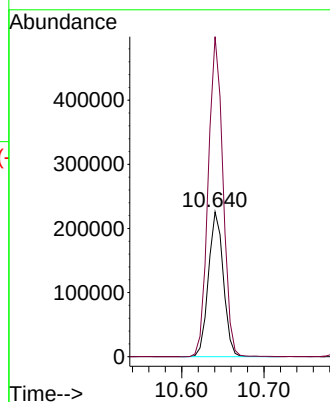
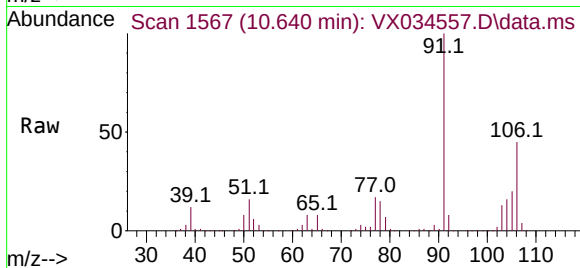
#69
o-Xylene
Concen: 43.549 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 28411
Ion Ratio Lower Upper
106 100
91 219.1 108.5 325.3

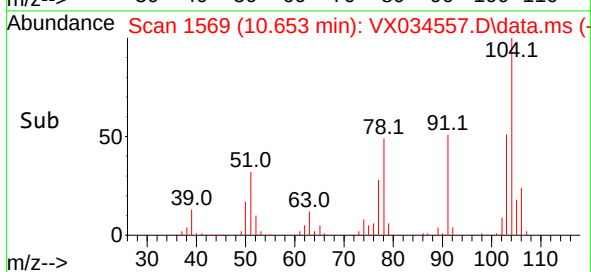
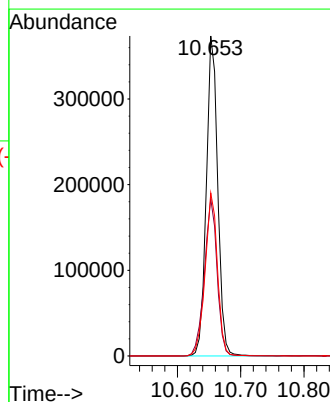
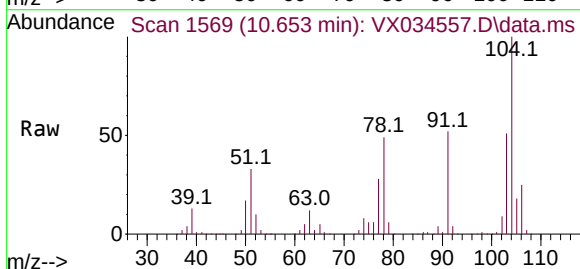
Manual Integrations
APPROVED

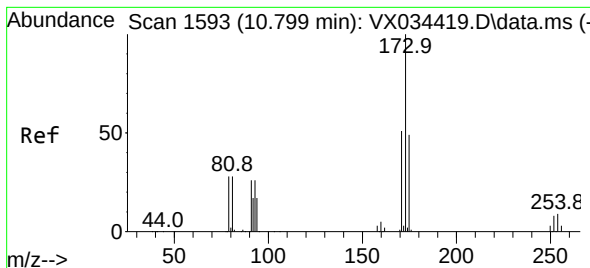
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#70
Styrene
Concen: 44.712 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Tgt Ion:104 Resp: 470632
Ion Ratio Lower Upper
104 100
78 54.6 43.4 65.2
103 55.2 44.2 66.2





#71

Bromoform

Concen: 44.543 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

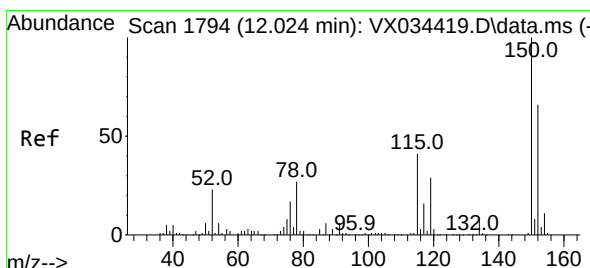
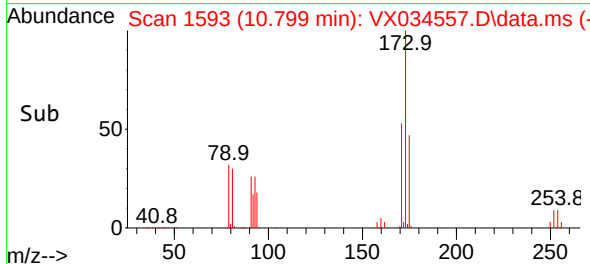
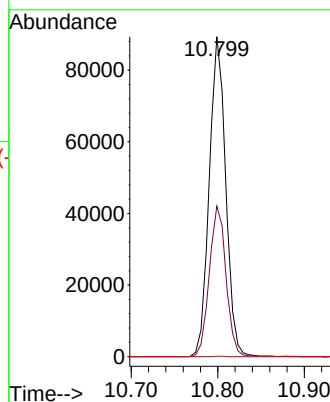
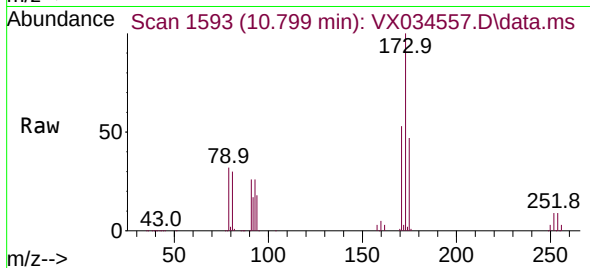
Tgt Ion:173 Resp: 118052
 Ion Ratio Lower Upper
 173 100
 175 47.7 24.1 72.4
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

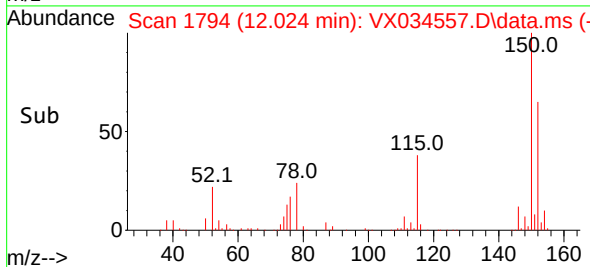
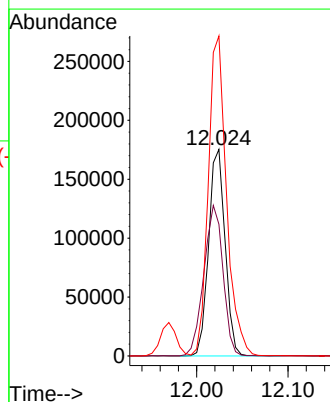
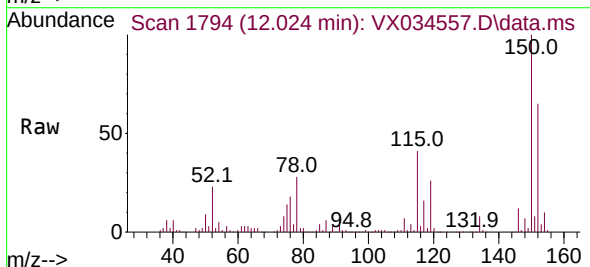
RT: 12.024 min Scan# 1794

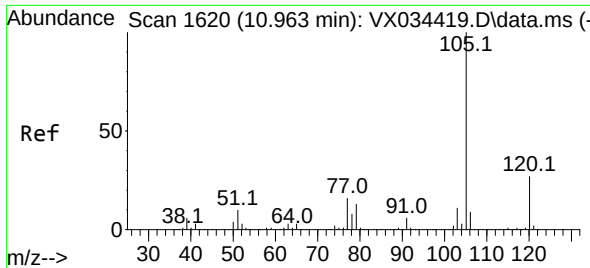
Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

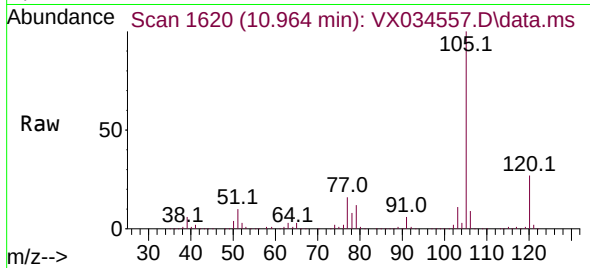
Tgt Ion:152 Resp: 218759
 Ion Ratio Lower Upper
 152 100
 115 85.1 45.0 135.0
 150 171.9 0.0 352.4





#73
Isopropylbenzene
Concen: 43.941 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

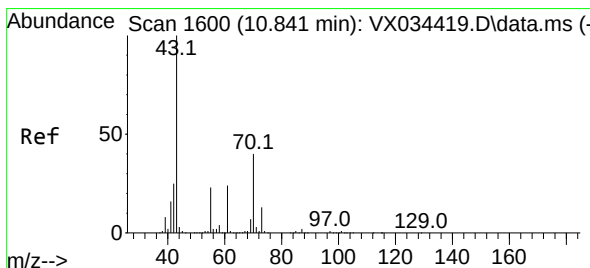
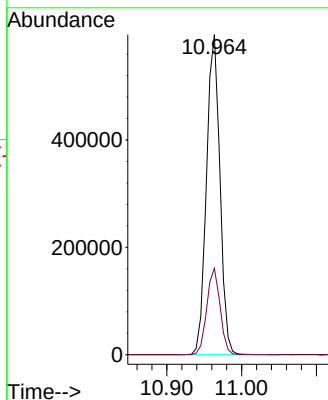
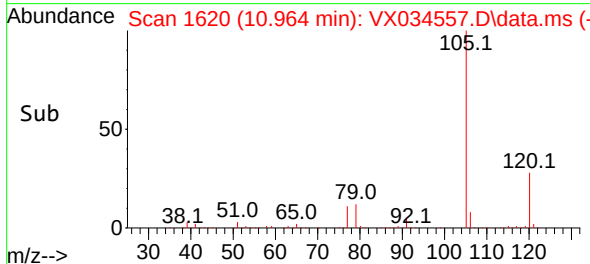
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



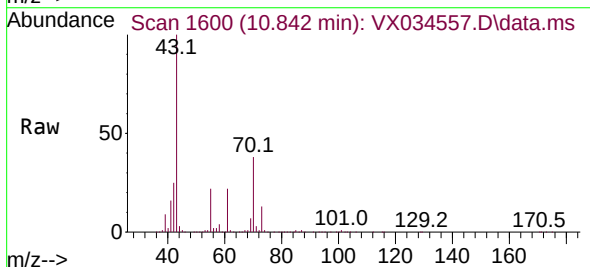
Tgt Ion:105 Resp: 74293
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
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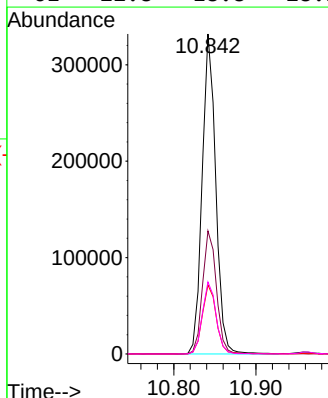
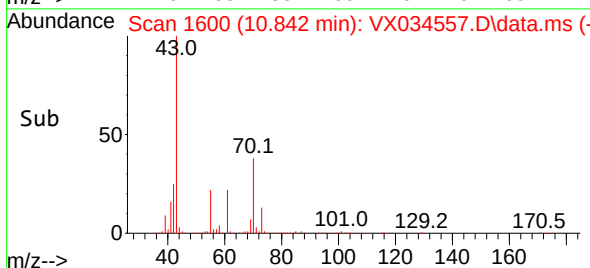
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

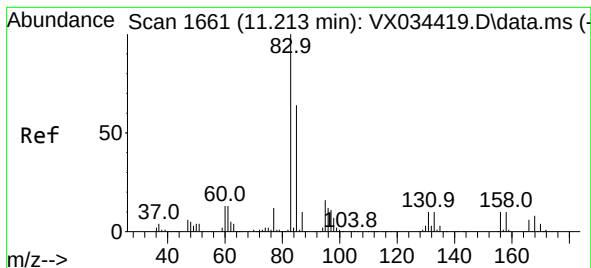


#74
N-ethyl acetate
Concen: 47.056 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



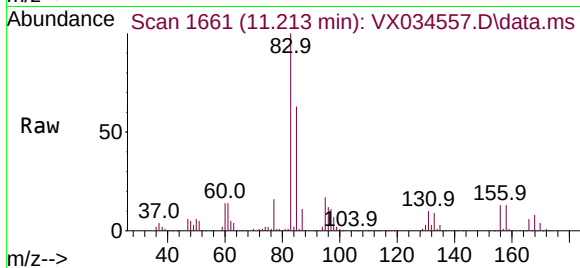
Tgt Ion: 43 Resp: 381063
Ion Ratio Lower Upper
43 100
70 39.5 32.1 48.1
55 22.3 18.3 27.5
61 22.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.757 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

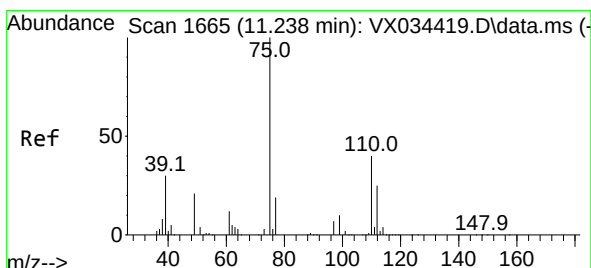
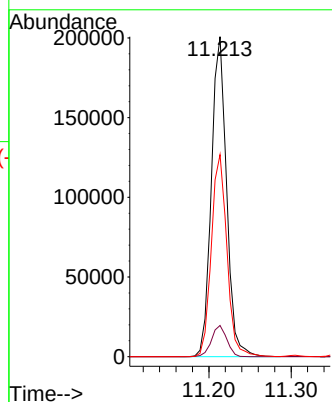
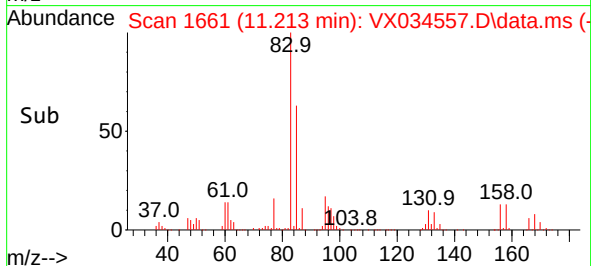
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



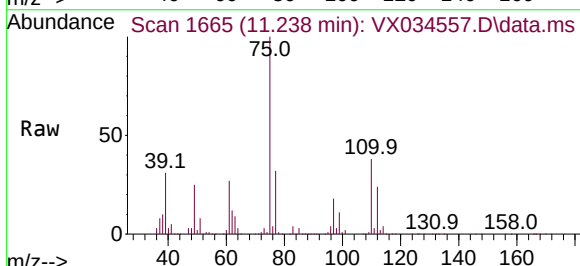
Tgt Ion: 83 Resp: 258160
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.7 32.0 96.0

Manual Integrations
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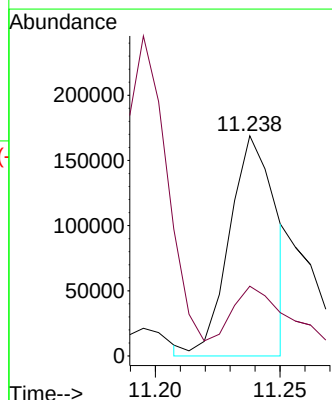
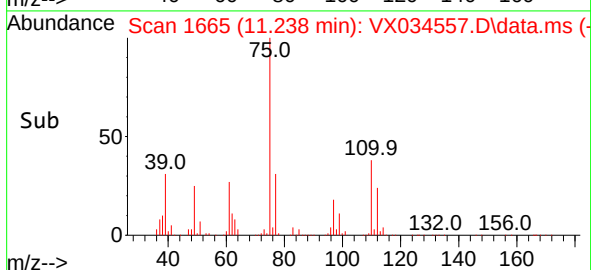
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

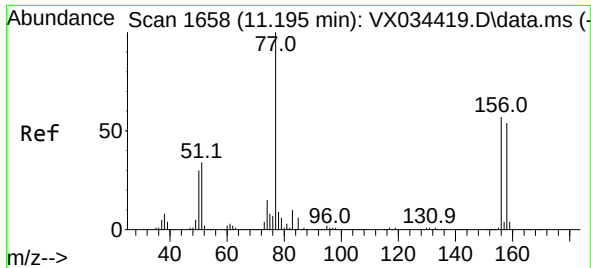


#76
1,2,3-Trichloropropane
Concen: 43.363 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



Tgt Ion: 75 Resp: 217812
Ion Ratio Lower Upper
75 100
77 42.9 21.6 64.8





#77
Bromobenzene
Concen: 43.429 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

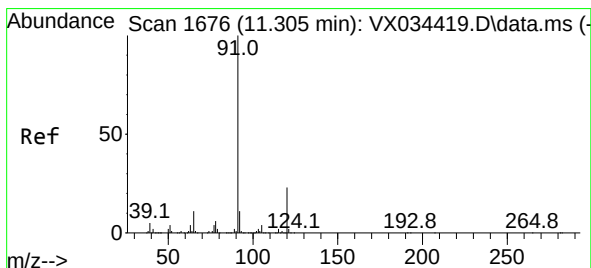
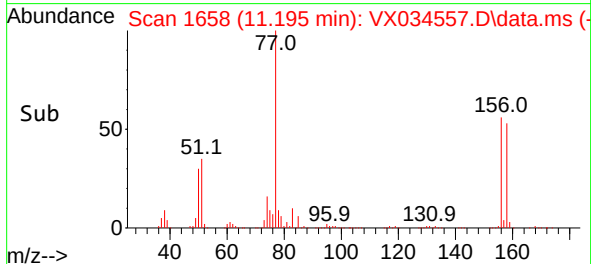
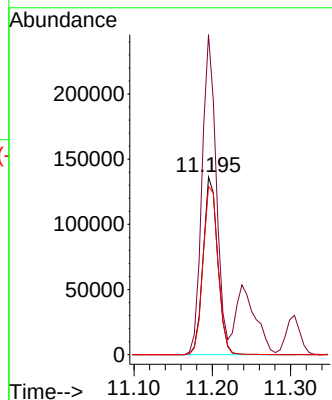
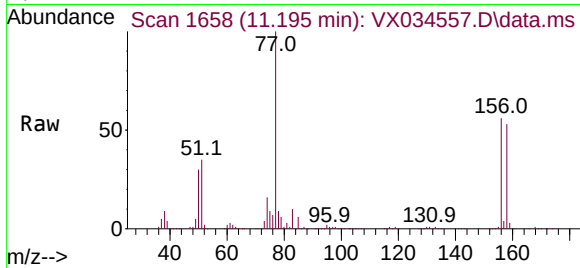
VSTDCCC050EC

Tgt Ion:156 Resp: 176168
Ion Ratio Lower Upper
156 100
77 175.8 86.7 259.9
158 97.7 48.0 144.0

Manual Integrations

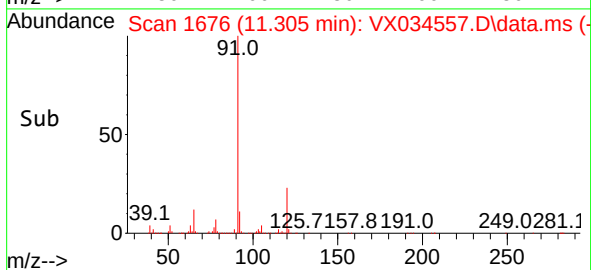
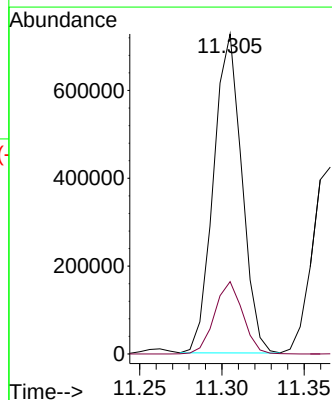
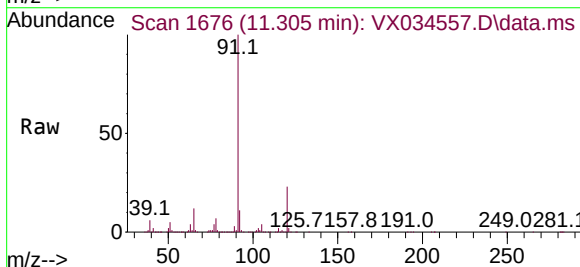
APPROVED

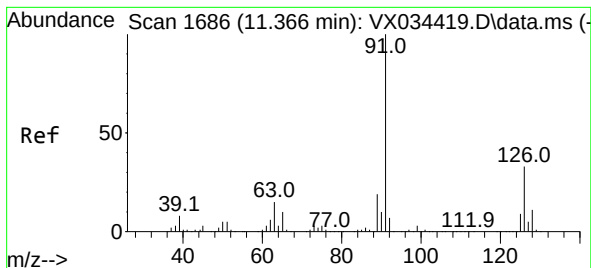
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#78
n-propylbenzene
Concen: 44.552 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

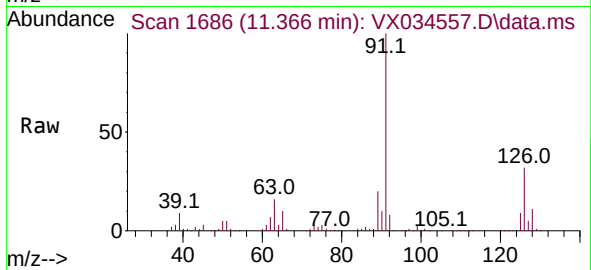
Tgt Ion: 91 Resp: 869933
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5





#79
2-Chlorotoluene
Concen: 44.715 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

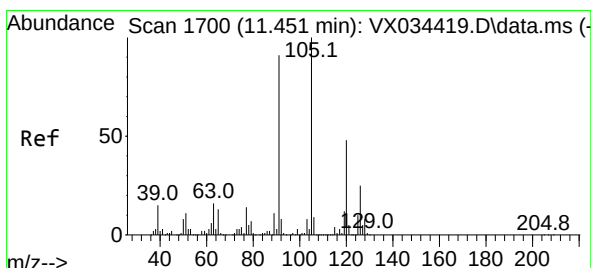
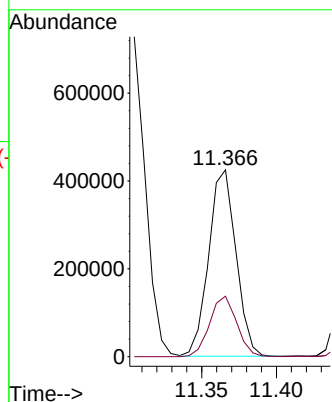
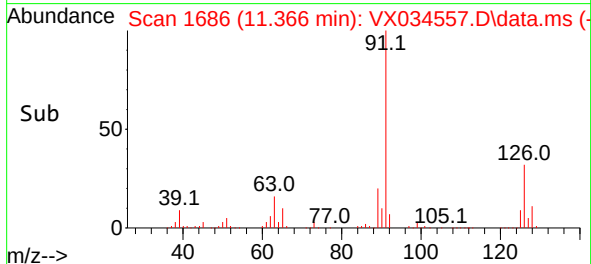
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



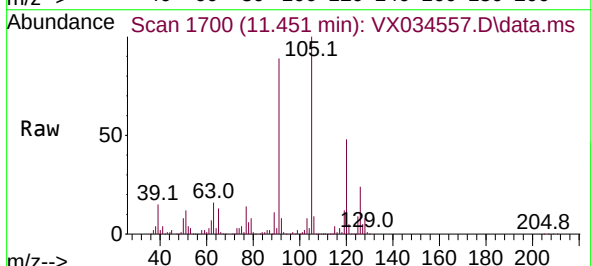
Tgt Ion: 91 Resp: 53924
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.9

Manual Integrations
APPROVED

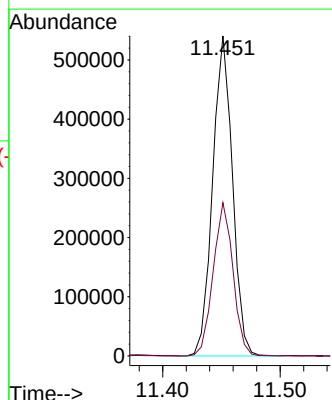
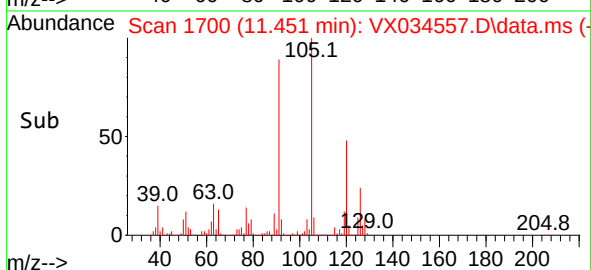
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

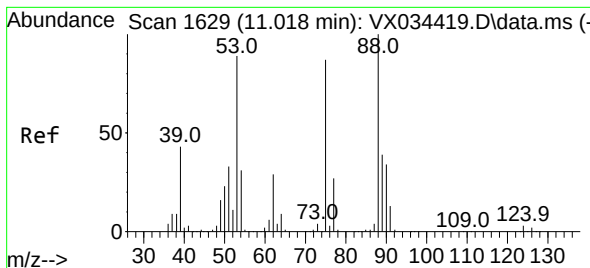


#80
1,3,5-Trimethylbenzene
Concen: 44.625 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



Tgt Ion:105 Resp: 632842
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1





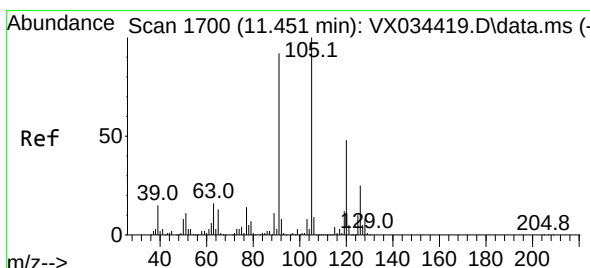
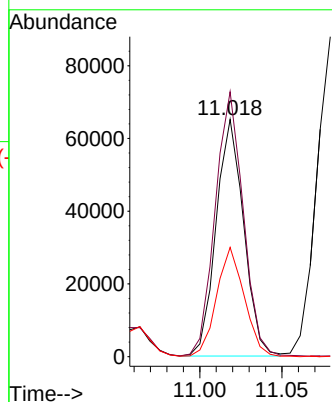
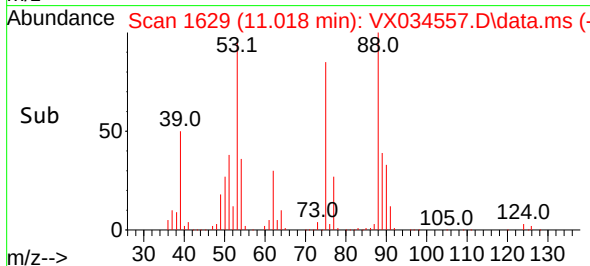
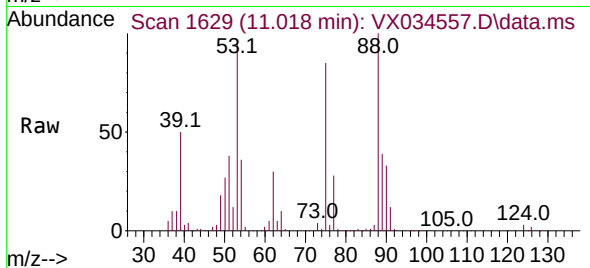
#81
trans-1,4-Dichloro-2-butene
Concen: 40.926 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 75988
Ion Ratio Lower Upper
75 100
53 113.4 82.6 124.0
89 46.5 36.9 55.3

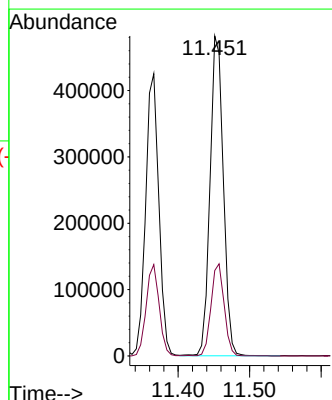
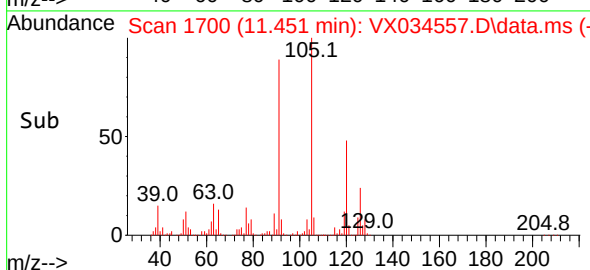
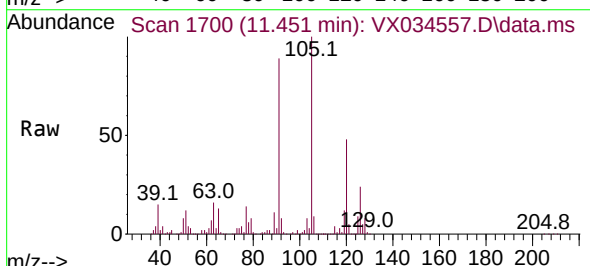
Manual Integrations
APPROVED

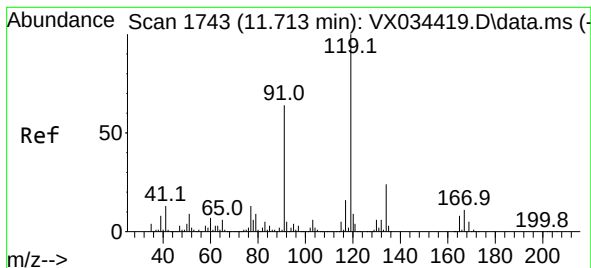
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#82
4-Chlorotoluene
Concen: 44.775 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

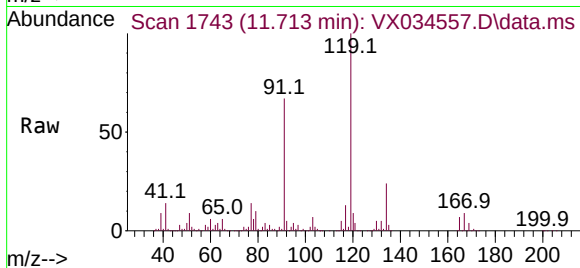
Tgt Ion: 91 Resp: 621941
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.230 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

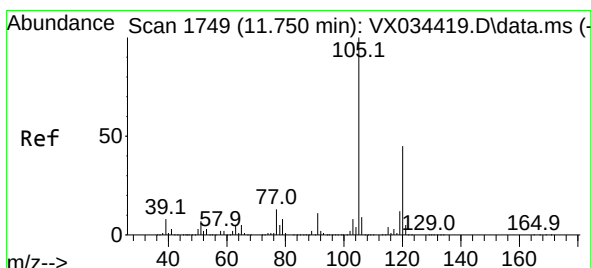
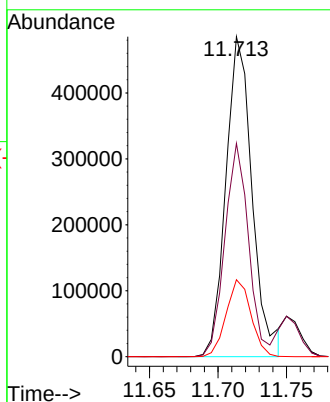
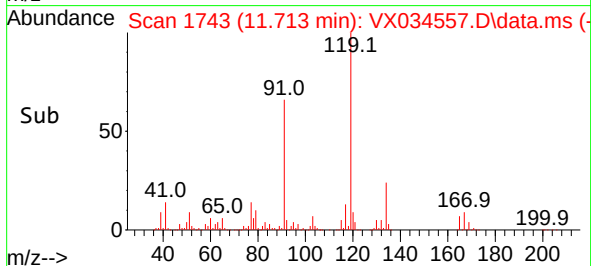
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



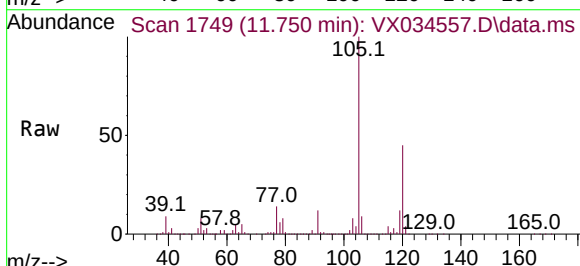
Tgt Ion:119 Resp: 646720
Ion Ratio Lower Upper
119 100
91 60.4 30.6 92.0
134 22.8 11.8 35.4

Manual Integrations
APPROVED

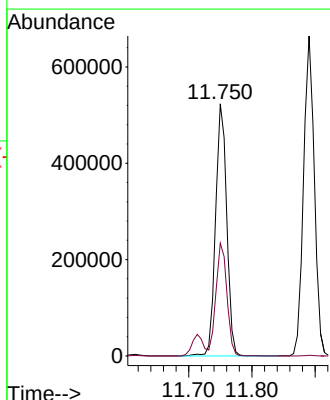
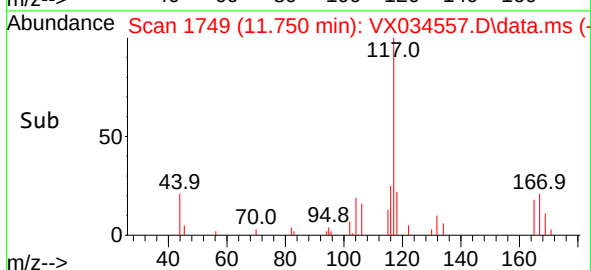
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

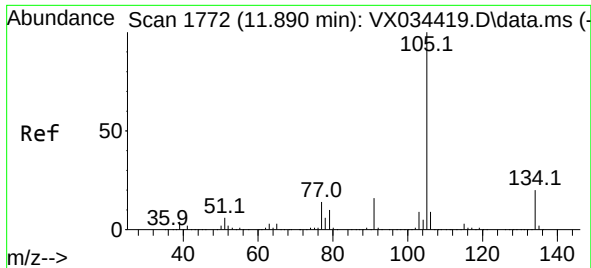


#84
1,2,4-Trimethylbenzene
Concen: 44.087 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



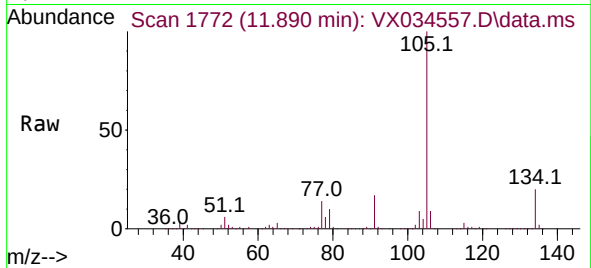
Tgt Ion:105 Resp: 638967
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 44.620 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034557.D
 Acq: 16 Mar 2023 19:43

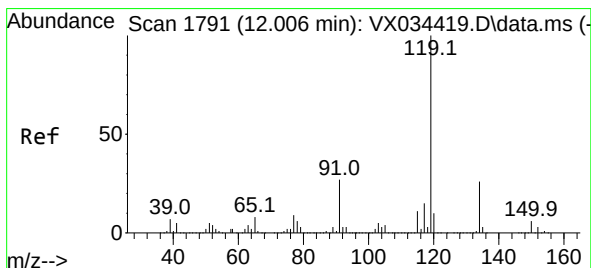
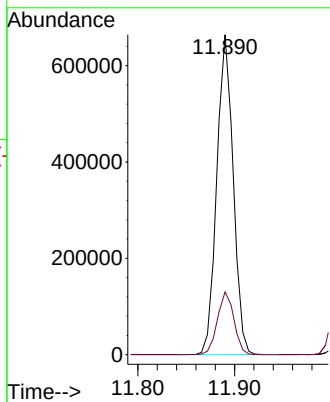
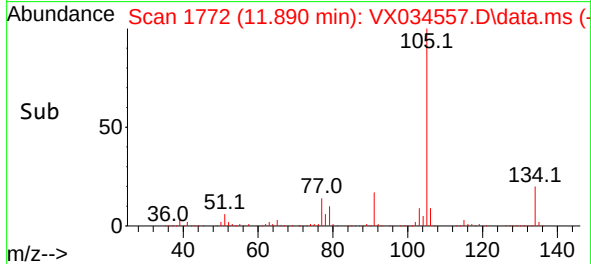
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 77996
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

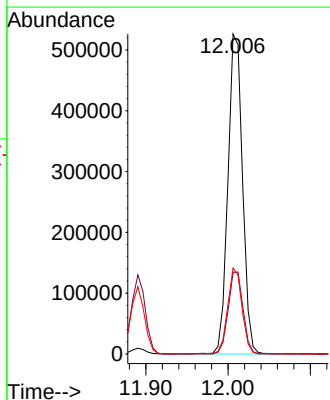
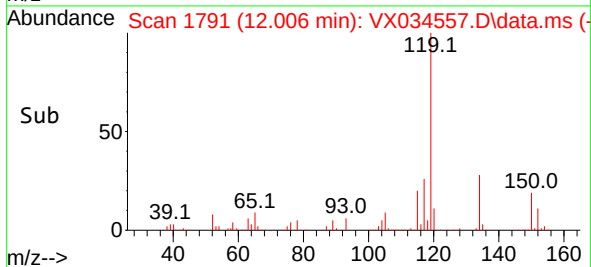
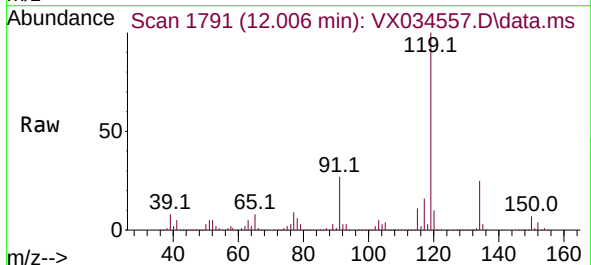
Manual Integrations
 APPROVED

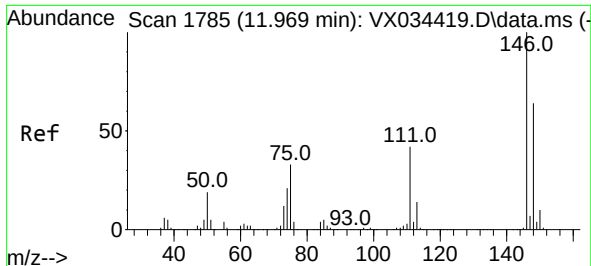
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#86
 p-Isopropyltoluene
 Concen: 44.344 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034557.D
 Acq: 16 Mar 2023 19:43

Tgt Ion:119 Resp: 651465
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 26.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 42.419 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 33715

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.8

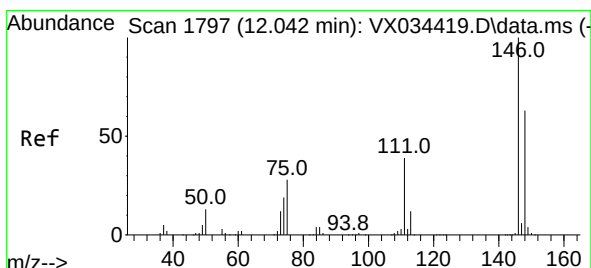
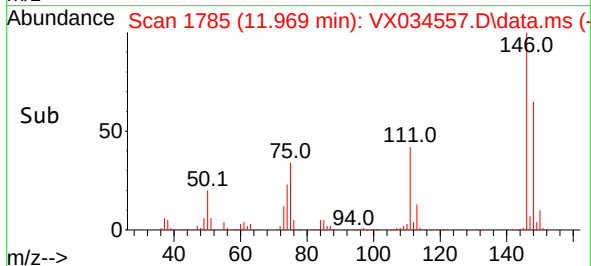
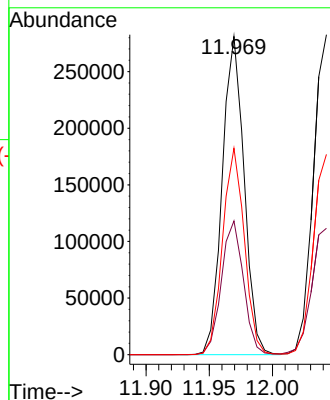
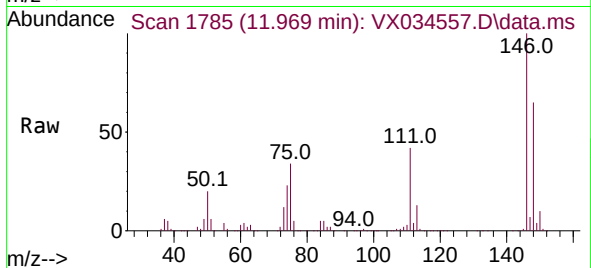
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#88

1,4-Dichlorobenzene

Concen: 42.674 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

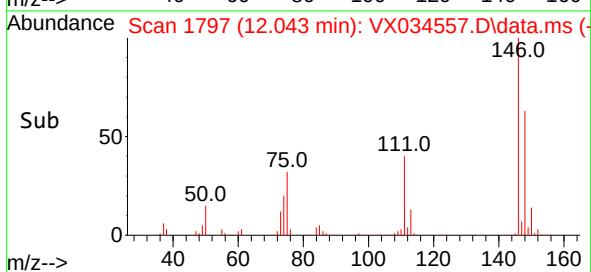
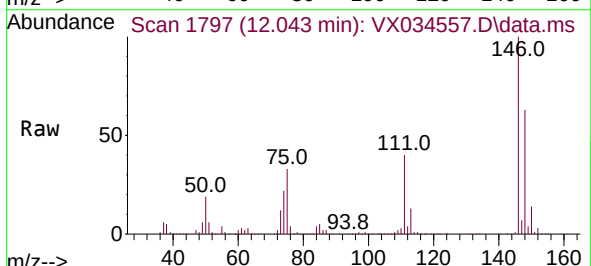
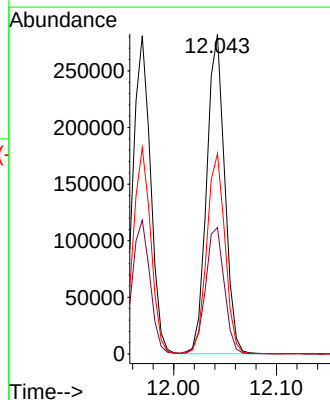
Tgt Ion:146 Resp: 342959

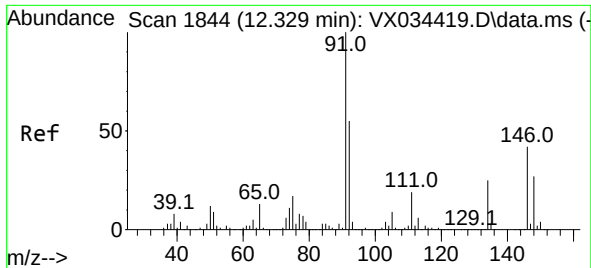
Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

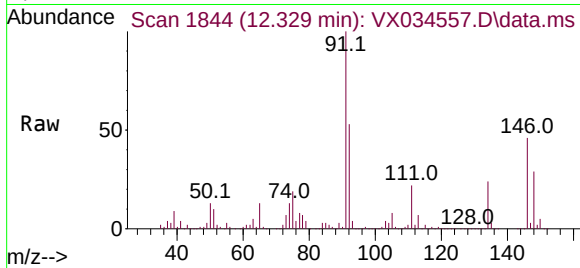
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 43.536 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

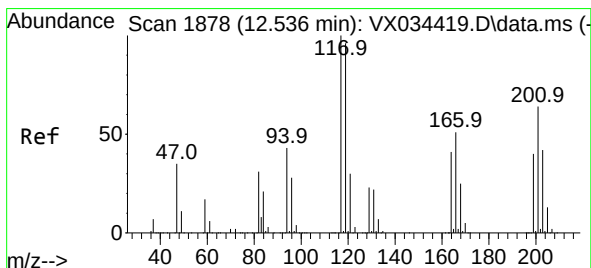
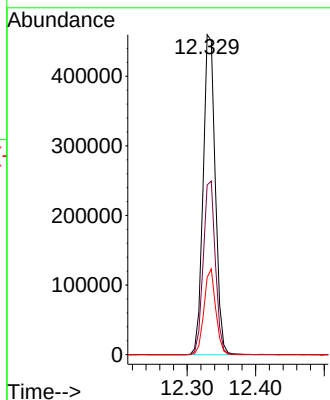
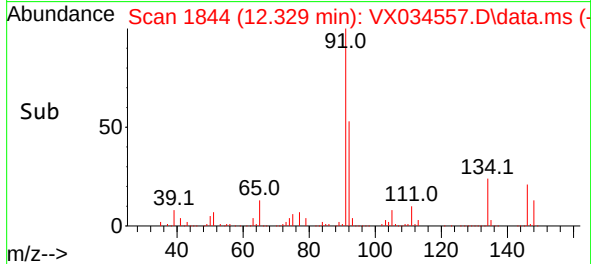
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 568592
Ion Ratio Lower Upper
91 100
92 54.3 27.7 83.0
134 25.8 13.0 38.9

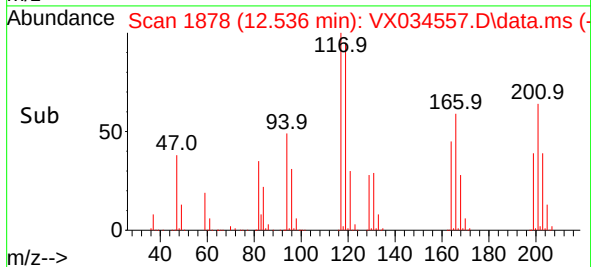
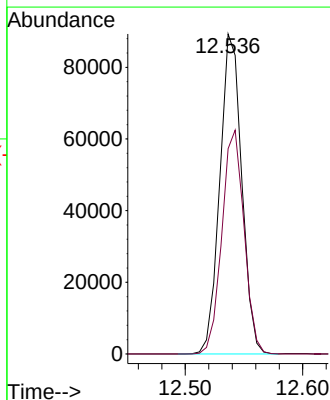
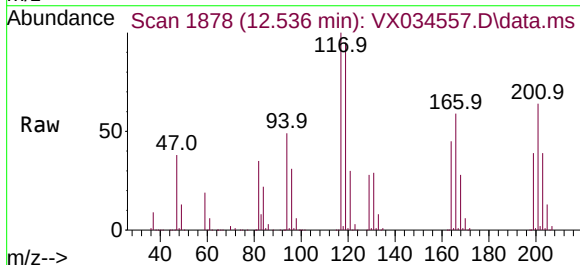
Manual Integrations
APPROVED

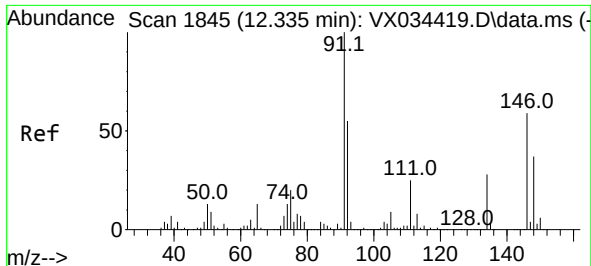
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#90
Hexachloroethane
Concen: 42.527 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

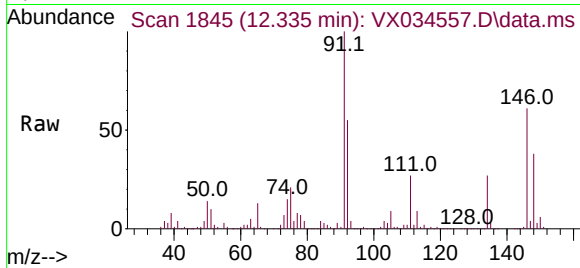
Tgt Ion:117 Resp: 115607
Ion Ratio Lower Upper
117 100
201 70.8 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 44.210 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

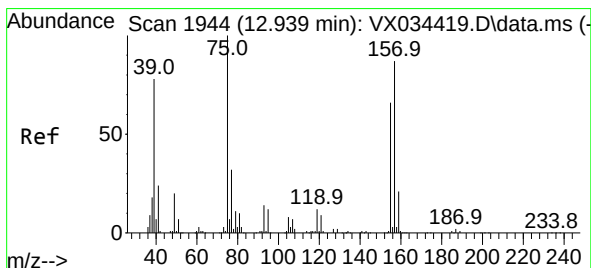
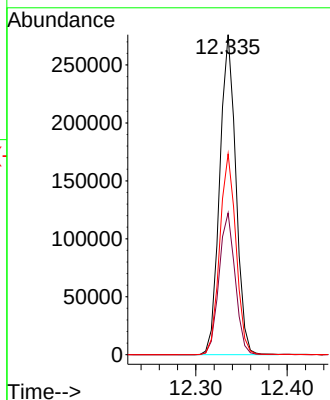
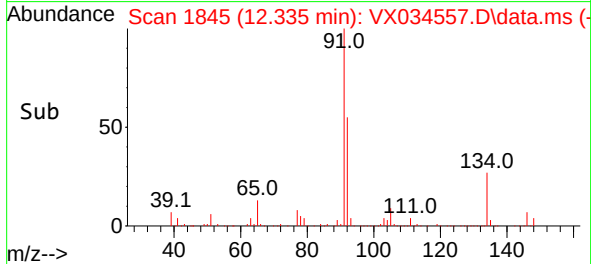
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



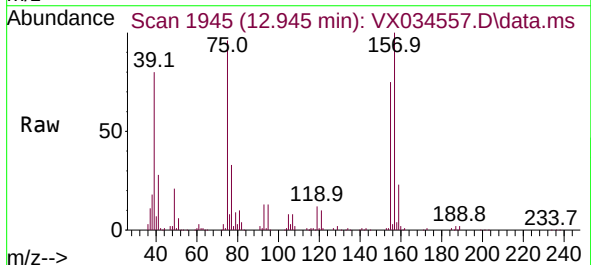
Tgt Ion:146 Resp: 339578
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 63.1 32.0 96.0

Manual Integrations
APPROVED

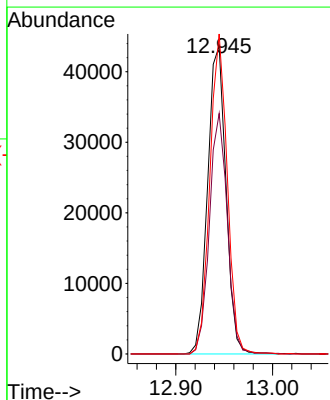
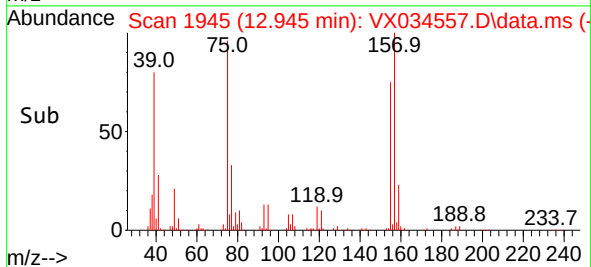
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

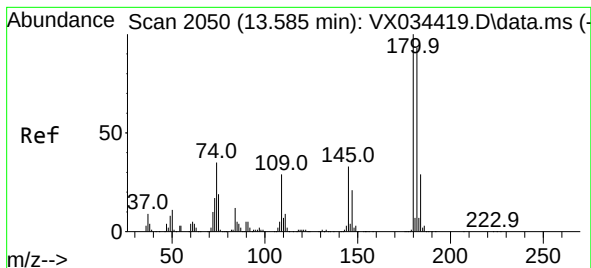


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.760 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



Tgt Ion: 75 Resp: 57375
Ion Ratio Lower Upper
75 100
155 76.3 38.4 115.1
157 98.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 41.706 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

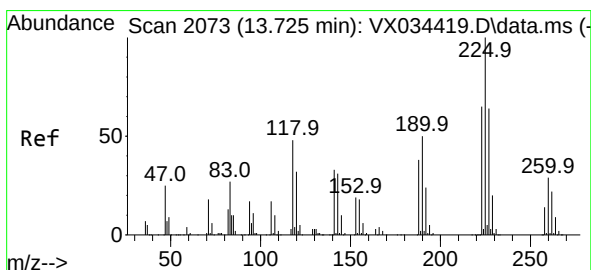
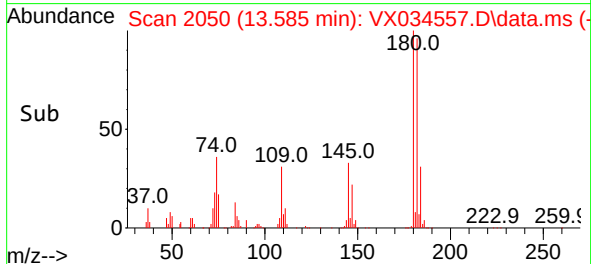
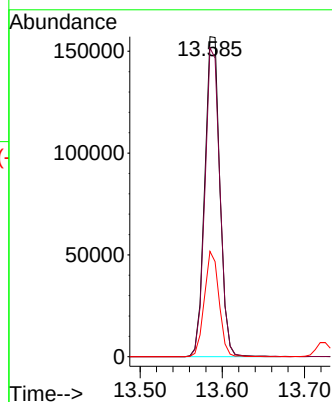
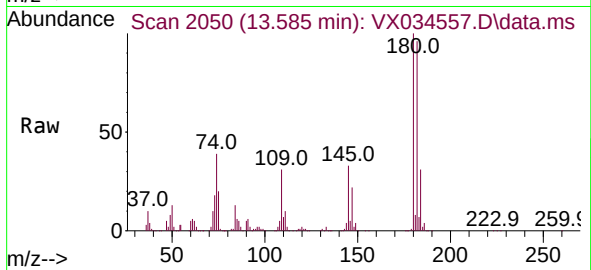
Tgt Ion:180	Resp: 200324
Ion Ratio	Lower Upper
180 100	
182 96.0	47.0 141.0
145 31.9	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#94

Hexachlorobutadiene

Concen: 41.711 ug/l

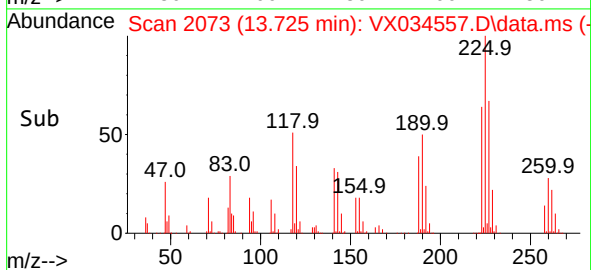
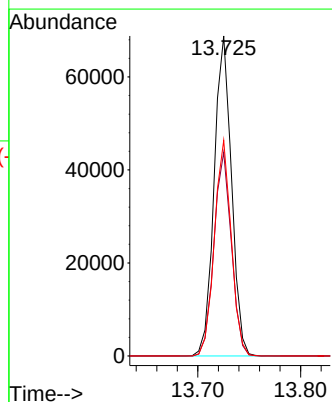
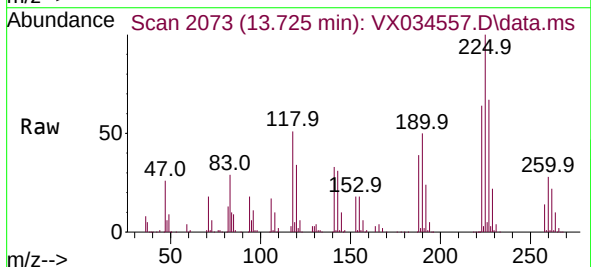
RT: 13.725 min Scan# 2073

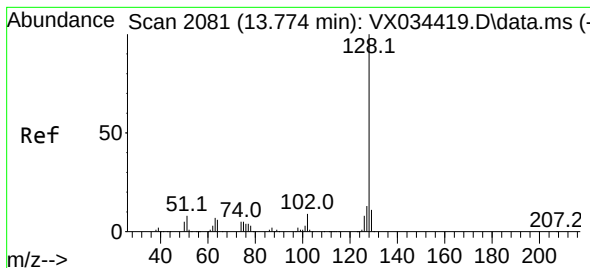
Delta R.T. 0.000 min

Lab File: VX034557.D

Acq: 16 Mar 2023 19:43

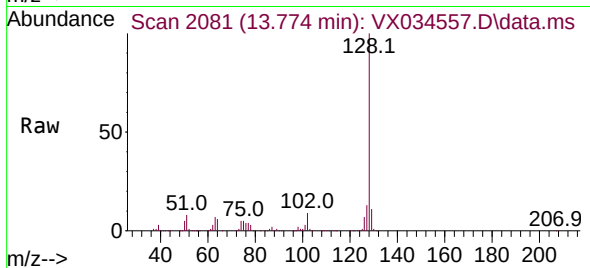
Tgt Ion:225	Resp: 80714
Ion Ratio	Lower Upper
225 100	
223 63.6	32.1 96.5
227 65.5	31.8 95.4





#95
Naphthalene
Concen: 44.079 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43

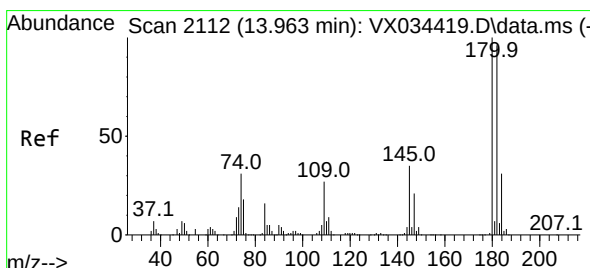
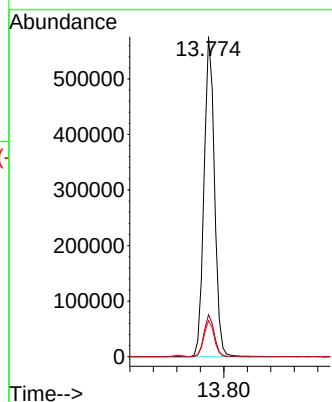
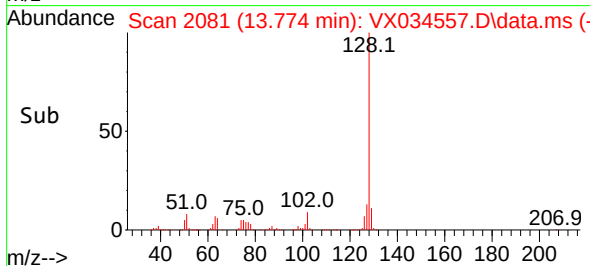
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



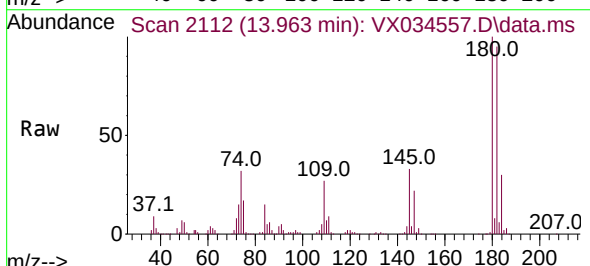
Tgt Ion:128 Resp: 709978
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.868 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034557.D
Acq: 16 Mar 2023 19:43



Tgt Ion:180 Resp: 201275
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 33.9 17.7 53.1

