

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031022.D
 Acq On : 01 Sep 2022 12:10
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 01 13:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	193802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	321918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52361	18.837	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.680%#		
35) Dibromofluoromethane	5.391	113	49068	20.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.360%#		
50) Toluene-d8	8.653	98	181723	20.678	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.360%#		
62) 4-Bromofluorobenzene	11.079	95	64411	20.582	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42535	20.746	ug/l	97
3) Chloromethane	1.288	50	33458	16.191	ug/l	97
4) Vinyl Chloride	1.374	62	42345	17.346	ug/l	99
5) Bromomethane	1.611	94	18019	19.804	ug/l	98
6) Chloroethane	1.685	64	23375	15.925	ug/l	98
7) Trichlorofluoromethane	1.886	101	72224	19.452	ug/l	98
8) Diethyl Ether	2.136	74	25018	17.459	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	48816	20.445	ug/l	94
10) Methyl Iodide	2.453	142	37079	20.569	ug/l	98
11) Tert butyl alcohol	2.989	59	57450	87.236	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	46312	19.663	ug/l	96
13) Acrolein	2.239	56	45759	151.835	ug/l	98
14) Allyl chloride	2.666	41	61523	16.100	ug/l #	92
15) Acrylonitrile	3.069	53	122749	84.408	ug/l	97
16) Acetone	2.392	43	96802	77.160	ug/l	97
17) Carbon Disulfide	2.514	76	115458	18.574	ug/l	99
18) Methyl Acetate	2.709	43	57161	15.532	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	144945	18.894	ug/l	91
20) Methylene Chloride	2.788	84	52550	18.423	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	50233	19.669	ug/l	90
22) Diisopropyl ether	3.764	45	128279	16.292	ug/l #	91
23) Vinyl Acetate	3.727	43	521372	82.538	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	84026	18.223	ug/l	99
25) 2-Butanone	4.568	43	155446	76.540	ug/l	92
26) 2,2-Dichloropropane	4.483	77	65442	18.834	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	57600	19.572	ug/l	95
28) Bromochloromethane	4.898	49	26785	17.958	ug/l #	69
29) Tetrahydrofuran	5.013	42	100507	76.499	ug/l #	84
30) Chloroform	5.099	83	92196	19.274	ug/l	97
31) Cyclohexane	5.471	56	71792	17.450	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	80922	19.956	ug/l	95
36) 1,1-Dichloropropene	5.696	75	67379	19.104	ug/l	99
37) Ethyl Acetate	4.721	43	57114	15.403	ug/l #	92
38) Carbon Tetrachloride	5.678	117	69480	20.692	ug/l	96
39) Methylcyclohexane	7.385	83	85263	19.764	ug/l	94
40) Benzene	6.044	78	200871	19.760	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	31269	15.526	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	65065	19.268	ug/l	99
43) Isopropyl Acetate	6.348	43	91174	15.846	ug/l #	91
44) Trichloroethene	7.135	130	62418	20.843	ug/l	85
45) 1,2-Dichloropropane	7.434	63	51145	18.849	ug/l	97
46) Dibromomethane	7.586	93	37899	20.453	ug/l	93
47) Bromodichloromethane	7.824	83	70314	19.738	ug/l #	96
48) Methyl methacrylate	7.696	41	48419	16.812	ug/l	88
49) 1,4-Dioxane	7.690	88	30191	398.879	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	306258	80.644	ug/l	90
52) Toluene	8.720	92	127163	20.473	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	70097	19.501	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	80514	19.580	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	53890	20.002	ug/l	97
56) Ethyl methacrylate	9.116	69	77931	19.750	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	88519	19.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	202062	101.957	ug/l	96
59) 2-Hexanone	9.433	43	245319	86.869	ug/l	92
60) Dibromochloromethane	9.525	129	56176	20.980	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57986	20.846	ug/l	100
64) Tetrachloroethene	9.275	164	58636	21.506	ug/l	94
65) Chlorobenzene	10.079	112	139652	20.488	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	51922	21.499	ug/l	97
67) Ethyl Benzene	10.195	91	247822	20.497	ug/l	99
68) m/p-Xylenes	10.305	106	194481	42.467	ug/l	99
69) o-Xylene	10.646	106	99945	22.299	ug/l	96
70) Styrene	10.659	104	158515	20.950	ug/l	97
71) Bromoform	10.799	173	40159	21.191	ug/l #	98
73) Isopropylbenzene	10.963	105	251038	21.392	ug/l	99
74) N-amyl acetate	10.848	43	75504	16.642	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	76111	18.931	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	72637m	19.891	ug/l	
77) Bromobenzene	11.201	156	63370	22.284	ug/l	88
78) n-propylbenzene	11.305	91	280556	20.400	ug/l	99
79) 2-Chlorotoluene	11.366	91	175111	20.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	211927	21.432	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21793	17.743	ug/l	94
82) 4-Chlorotoluene	11.457	91	193612	20.275	ug/l	99
83) tert-Butylbenzene	11.713	119	212190	21.860	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	213158	21.057	ug/l	100
85) sec-Butylbenzene	11.890	105	283790	22.525	ug/l	99
86) p-Isopropyltoluene	12.012	119	230897	22.091	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	120548	21.500	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	117479	20.435	ug/l	99
89) n-Butylbenzene	12.335	91	192924	19.721	ug/l	97
90) Hexachloroethane	12.542	117	39817	21.698	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	129247	22.725	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19101	19.046	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	78825	21.681	ug/l	99
94) Hexachlorobutadiene	13.725	225	33559	21.736	ug/l	99
95) Naphthalene	13.780	128	276509	21.265	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83525	22.754	ug/l	94

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Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Sep 01 13:21:01 2022
Response via : Initial Calibration

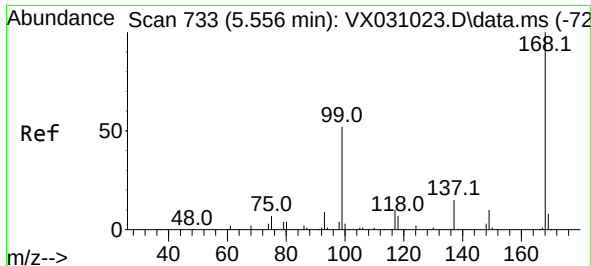
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

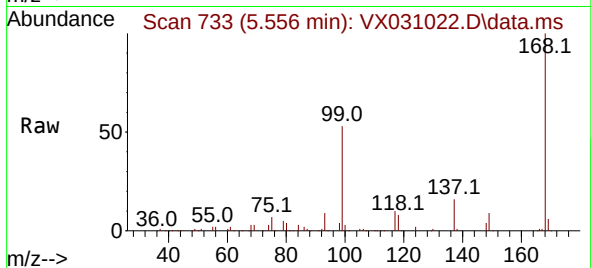
Quant Time: Sep 01 13:23:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

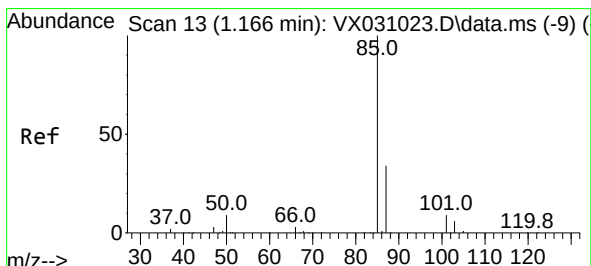
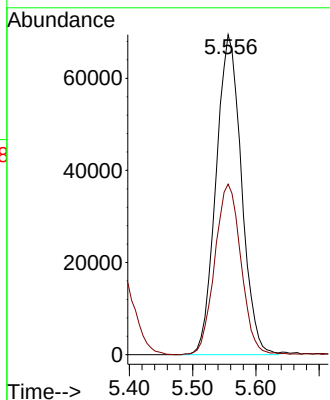
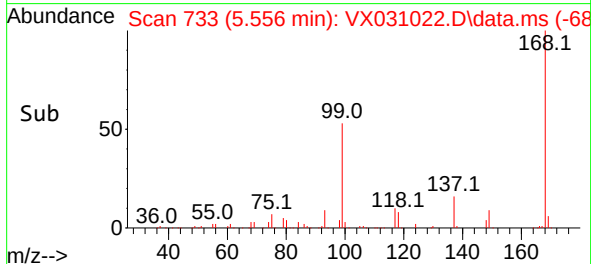
Instrument :
MSVOA_X
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VSTDIC020



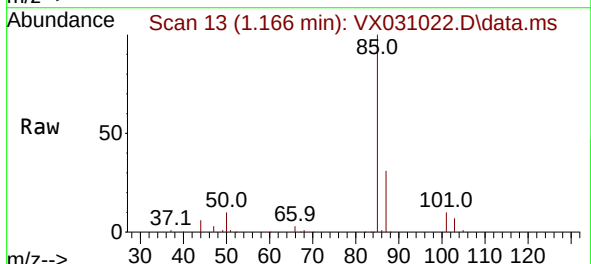
Tgt Ion:168 Resp: 19380
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0

Manual Integrations
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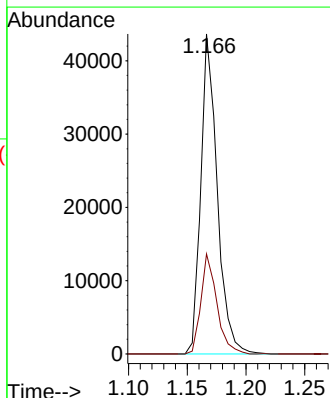
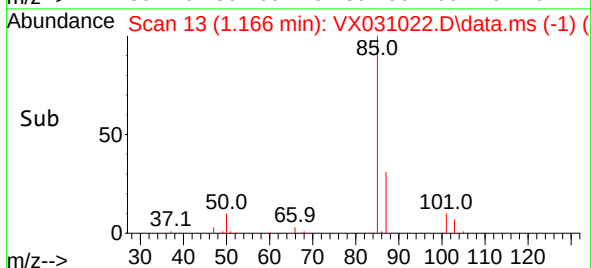
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

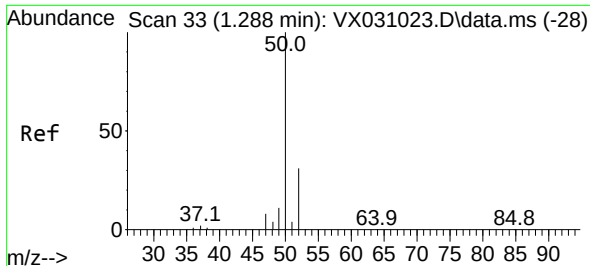


#2
Dichlorodifluoromethane
Concen: 20.746 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



Tgt Ion: 85 Resp: 42535
Ion Ratio Lower Upper
85 100
87 31.2 16.5 49.5





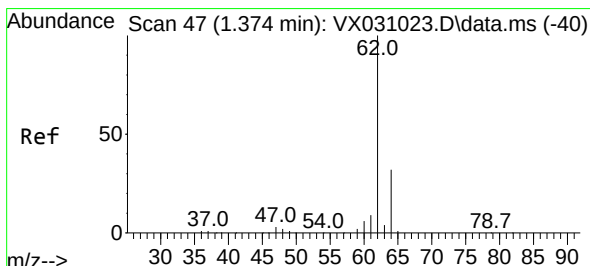
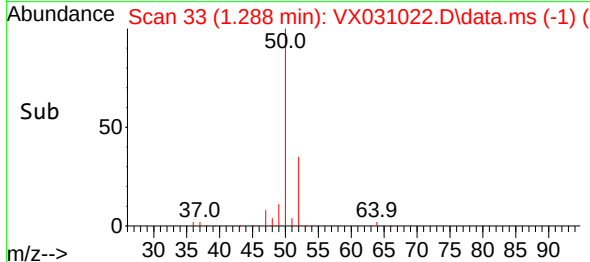
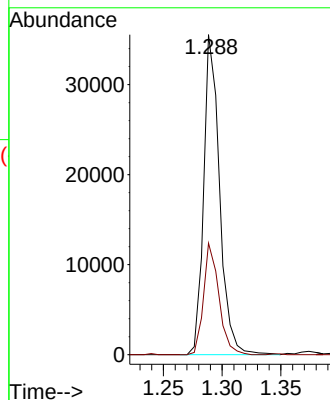
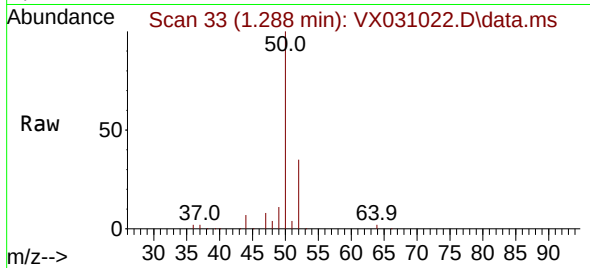
#3
Chloromethane
Concen: 16.191 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 33458
Ion Ratio Lower Upper
50 100
52 34.9 26.3 39.5

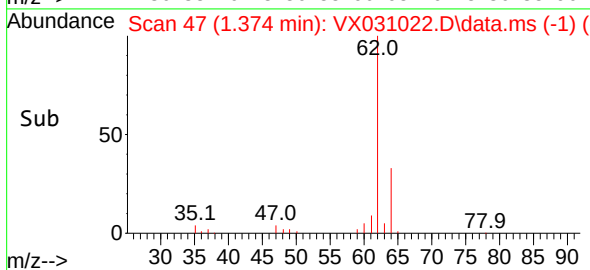
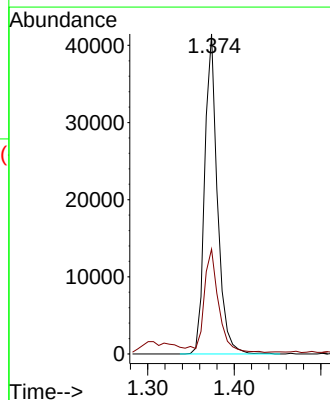
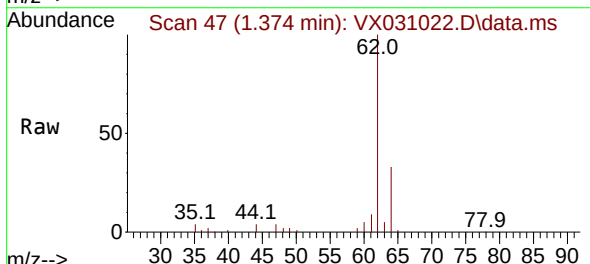
Manual Integrations
APPROVED

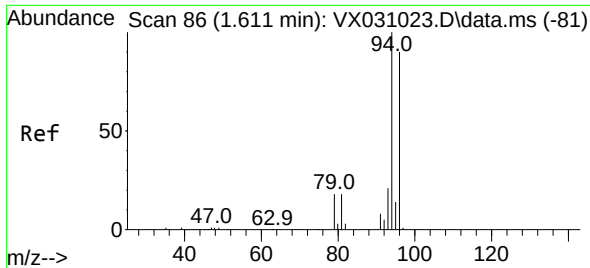
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#4
Vinyl Chloride
Concen: 17.346 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion: 62 Resp: 42345
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





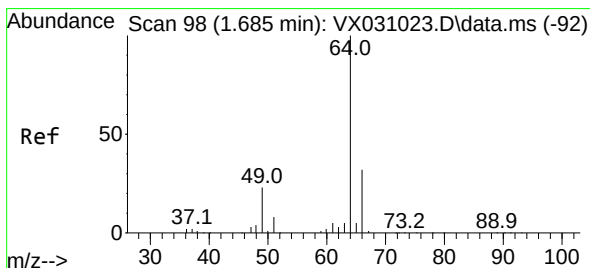
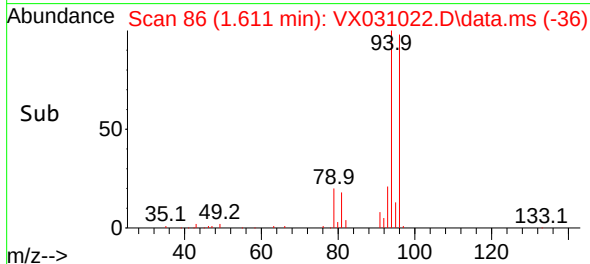
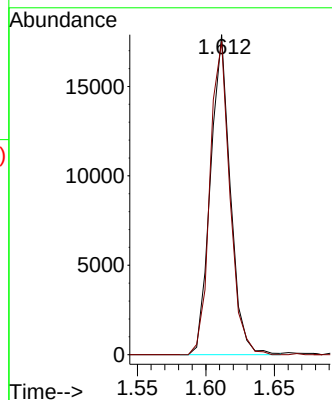
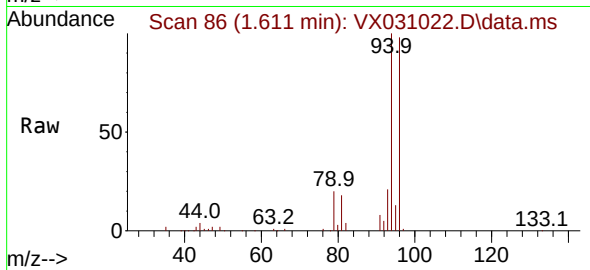
#5
Bromomethane
Concen: 19.804 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :
MSVOA_X
Client Sample Id :
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Tgt Ion: 94 Resp: 18019
Ion Ratio Lower Upper
94 100
96 97.9 76.9 115.3

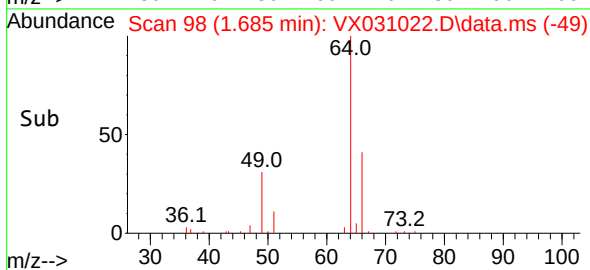
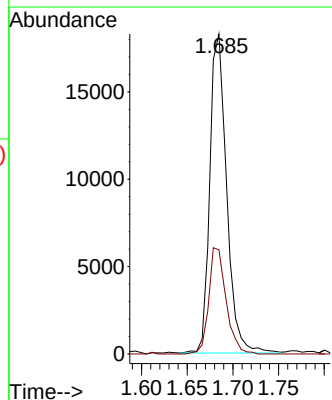
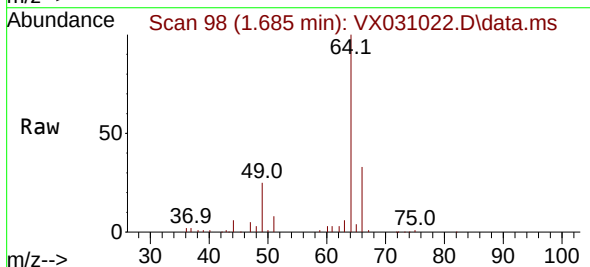
Manual Integrations
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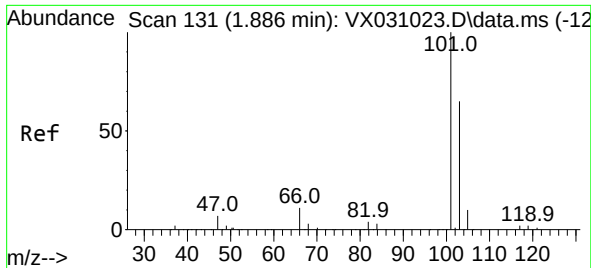
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#6
Chloroethane
Concen: 15.925 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

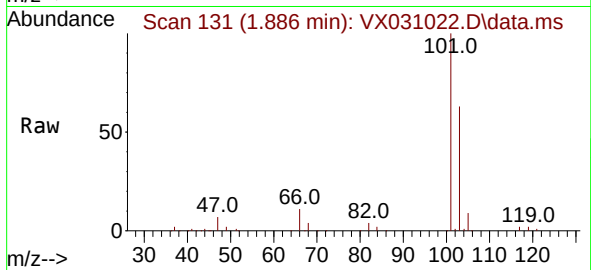
Tgt Ion: 64 Resp: 23375
Ion Ratio Lower Upper
64 100
66 32.6 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 19.452 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX031022.D
 Acq: 01 Sep 2022 12:10

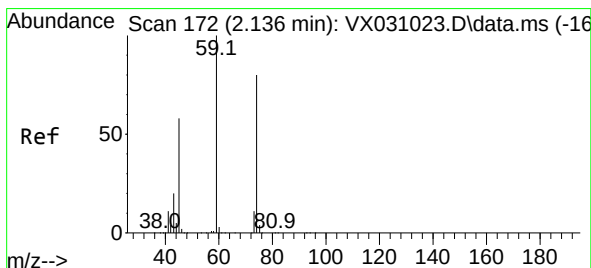
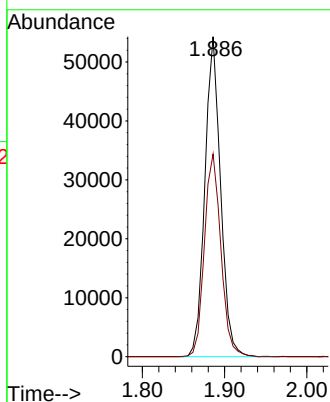
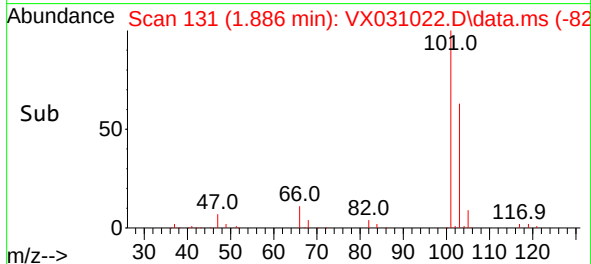
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



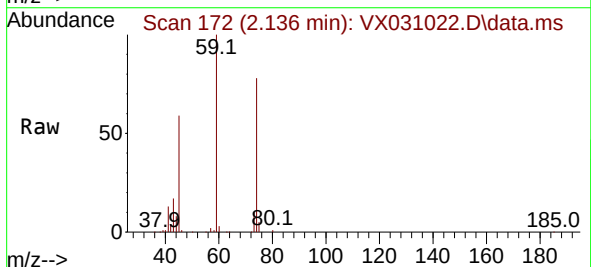
Tgt Ion:101 Resp: 72224
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.7 74.5

Manual Integrations
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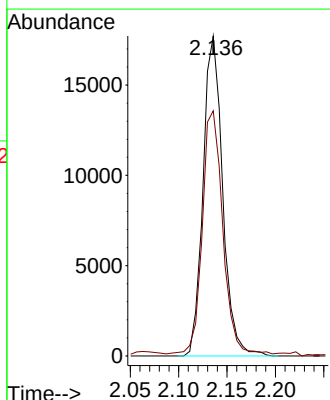
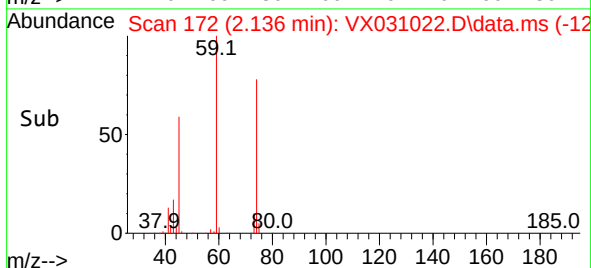
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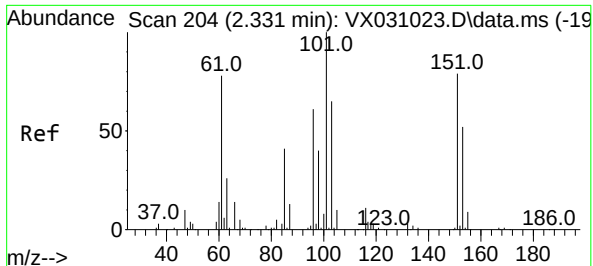


#8
 Diethyl Ether
 Concen: 17.459 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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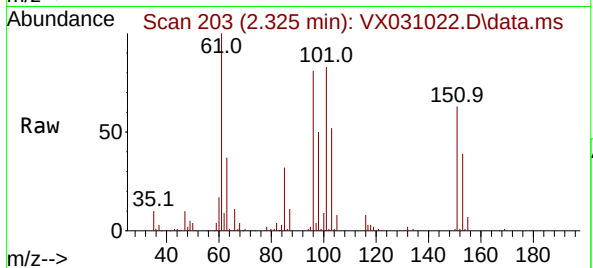
Tgt Ion: 74 Resp: 25018
 Ion Ratio Lower Upper
 74 100
 45 78.6 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.445 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

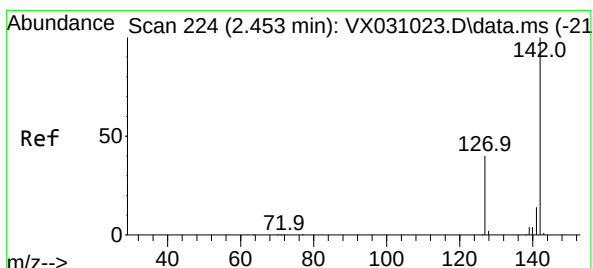
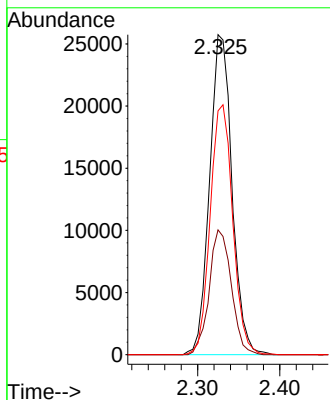
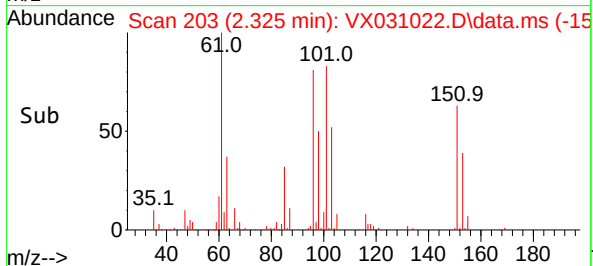
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



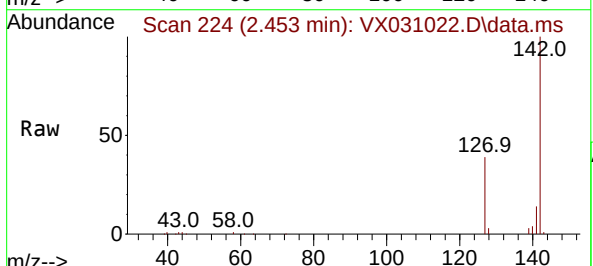
Tgt Ion:101 Resp: 48810
Ion Ratio Lower Upper
101 100
85 38.5 34.0 51.0
151 78.6 59.4 89.0

Manual Integrations
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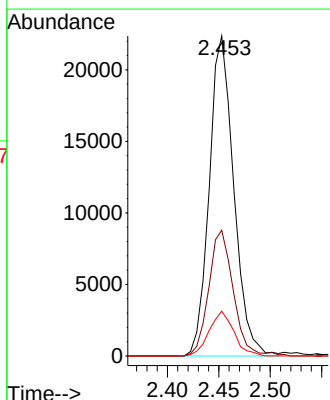
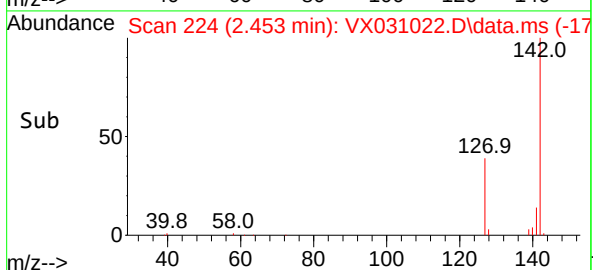
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

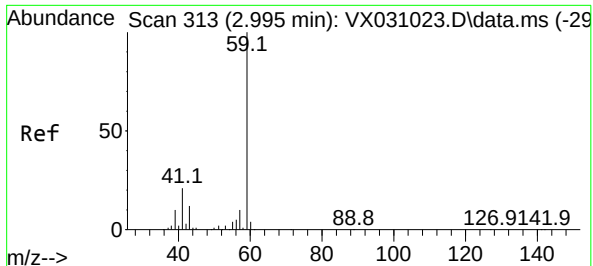


#10
Methyl Iodide
Concen: 20.569 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



Tgt Ion:142 Resp: 37079
Ion Ratio Lower Upper
142 100
127 39.2 30.2 45.2
141 14.1 11.3 16.9





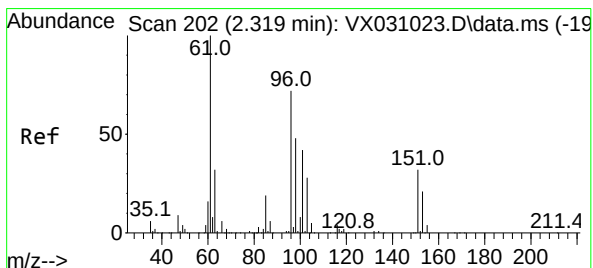
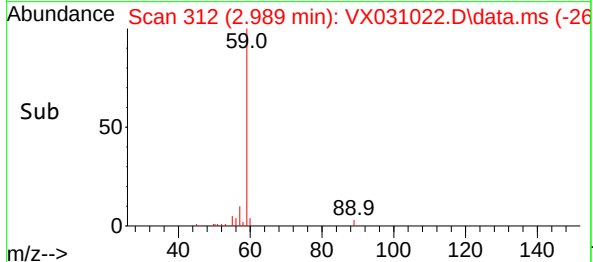
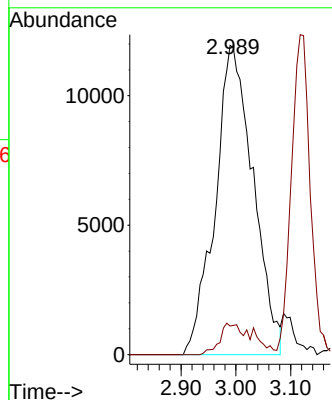
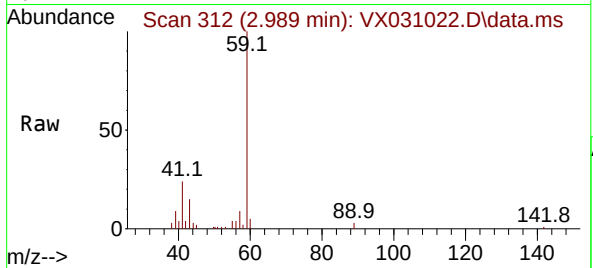
#11
Tert butyl alcohol
Concen: 87.236 ug/l
RT: 2.989 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 57450
Ion Ratio Lower Upper
59 100
57 5.6 7.4 11.2

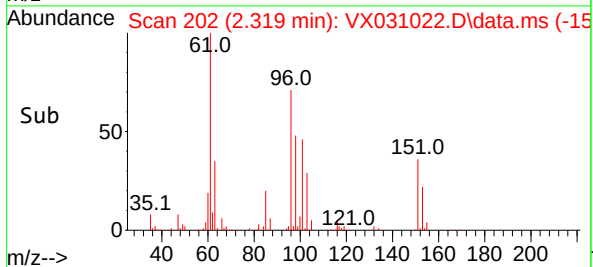
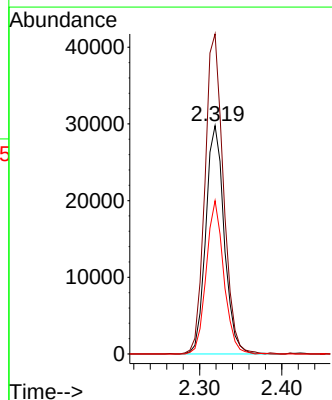
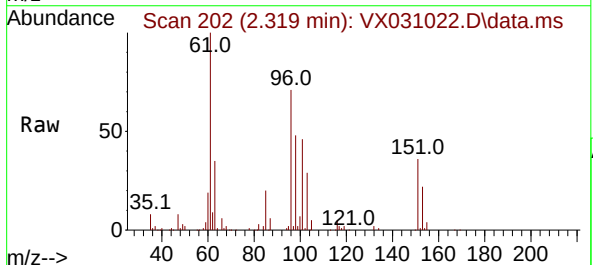
Manual Integrations
APPROVED

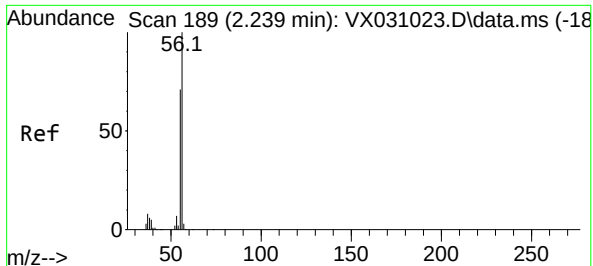
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#12
1,1-Dichloroethene
Concen: 19.663 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

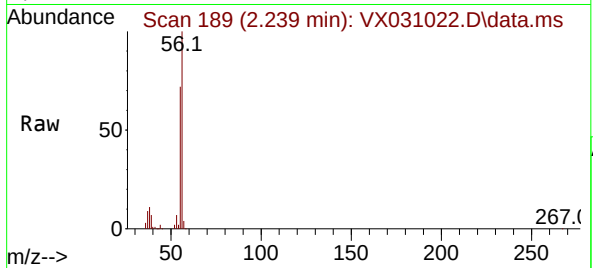
Tgt Ion: 96 Resp: 46312
Ion Ratio Lower Upper
96 100
61 140.1 117.4 176.0
98 67.1 52.2 78.4





#13
Acrolein
Concen: 151.835 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

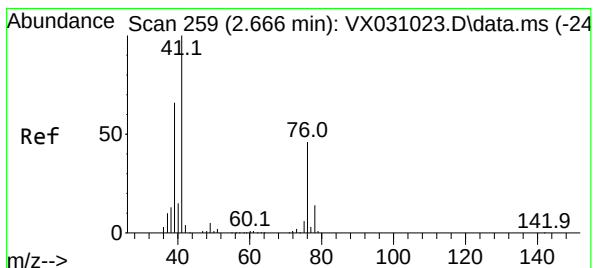
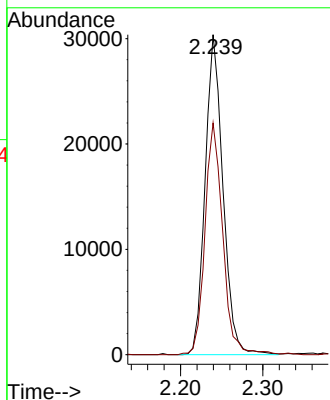
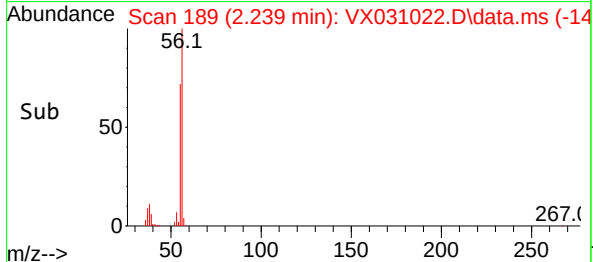
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 45759
Ion Ratio Lower Upper
56 100
55 72.2 56.6 84.8

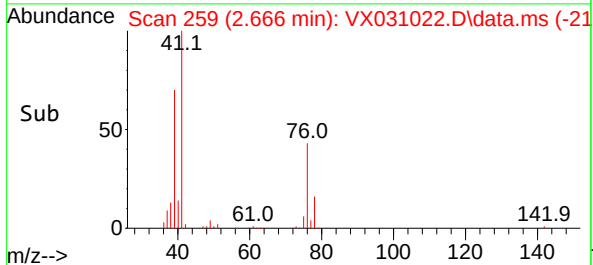
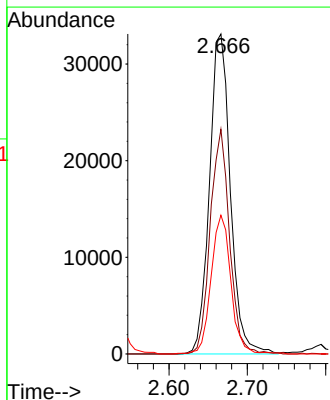
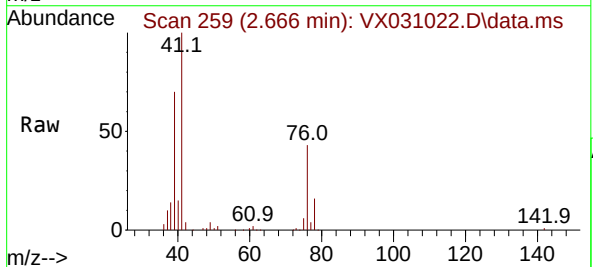
Manual Integrations
APPROVED

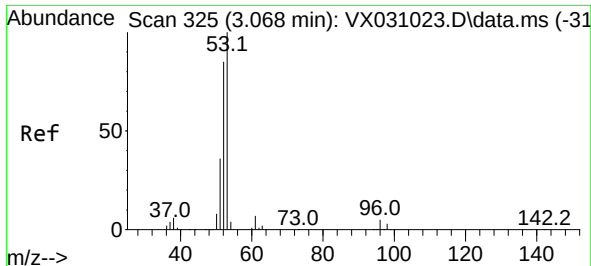
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#14
Allyl chloride
Concen: 16.100 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

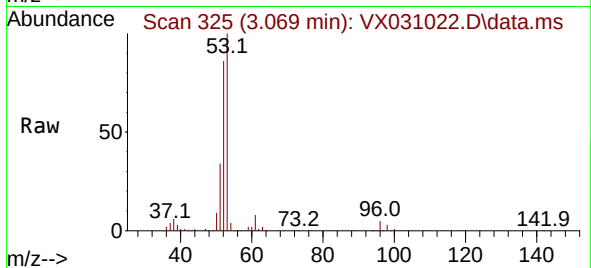
Tgt Ion: 41 Resp: 61523
Ion Ratio Lower Upper
41 100
39 64.8 48.9 73.3
76 41.1 26.9 40.3





#15
Acrylonitrile
Concen: 84.408 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

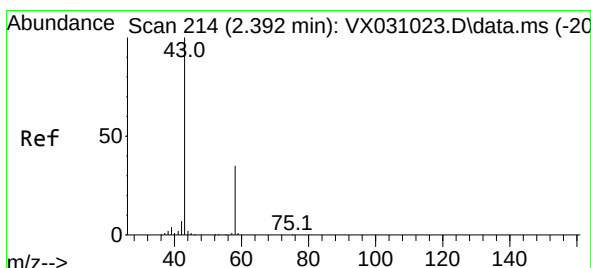
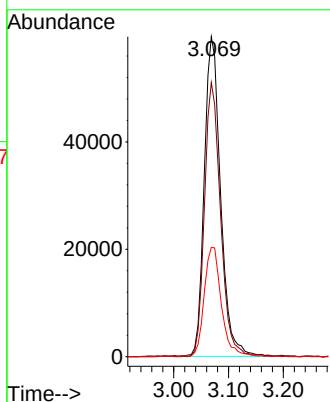
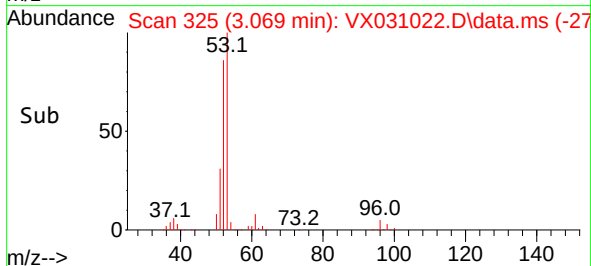
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



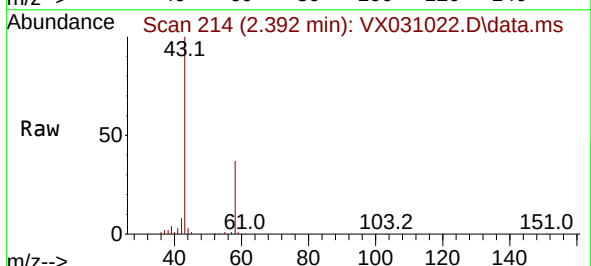
Tgt Ion: 53 Resp: 122749
Ion Ratio Lower Upper
53 100
52 84.7 65.4 98.0
51 36.2 27.7 41.5

Manual Integrations
APPROVED

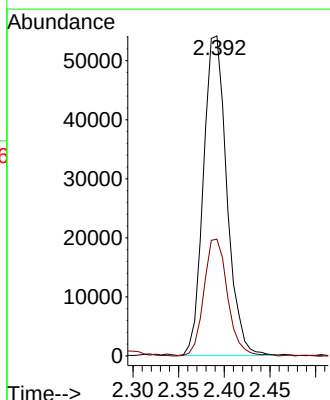
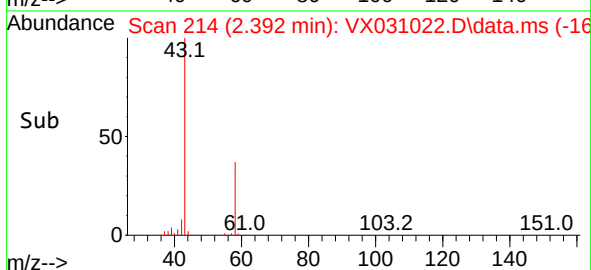
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

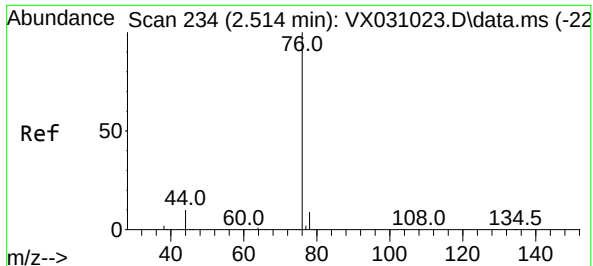


#16
Acetone
Concen: 77.160 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



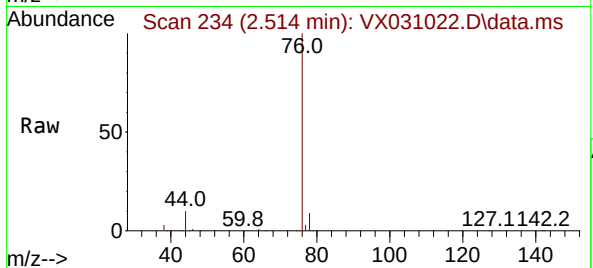
Tgt Ion: 43 Resp: 96802
Ion Ratio Lower Upper
43 100
58 36.6 27.7 41.5





#17
Carbon Disulfide
Concen: 18.574 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

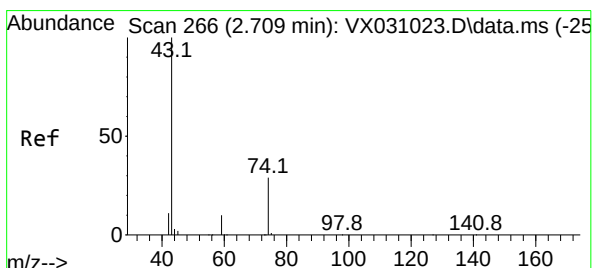
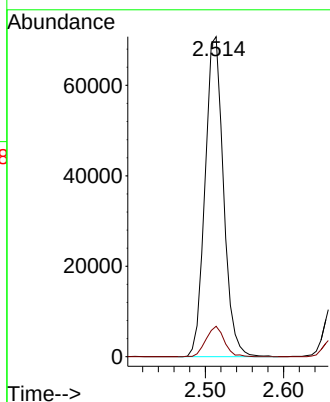
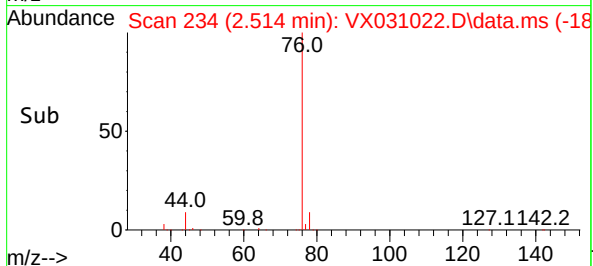
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 115458
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6

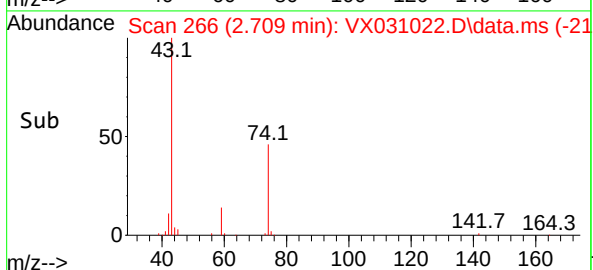
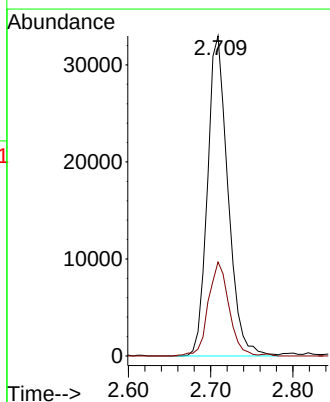
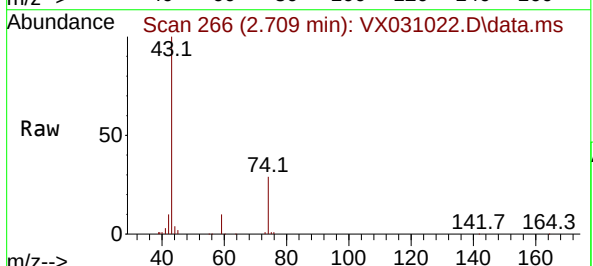
Manual Integrations
APPROVED

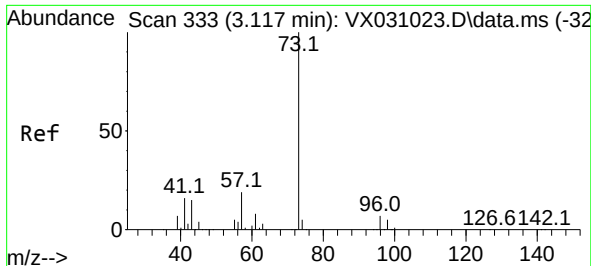
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
Methyl Acetate
Concen: 15.532 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

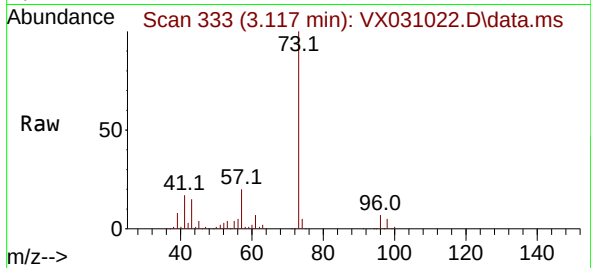
Tgt Ion: 43 Resp: 57161
Ion Ratio Lower Upper
43 100
74 29.6 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 18.894 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

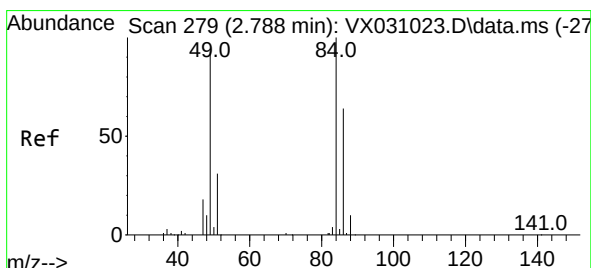
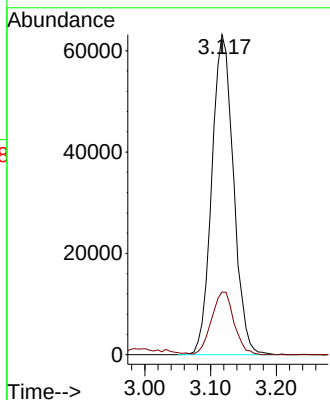
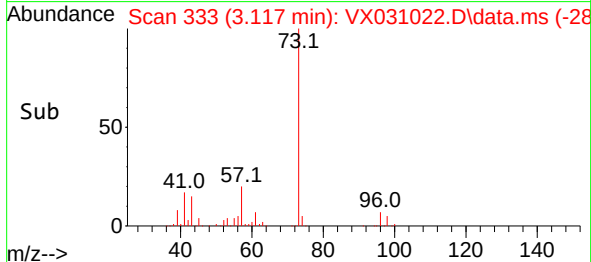
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



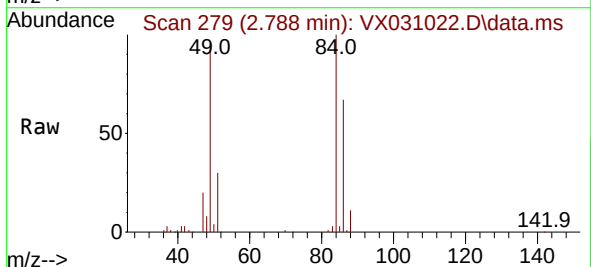
Tgt Ion: 73 Resp: 14494
Ion Ratio Lower Upper
73 100
57 19.6 19.0 28.6

Manual Integrations
APPROVED

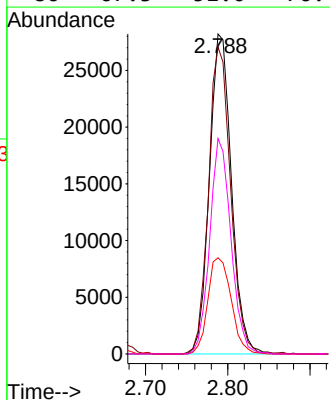
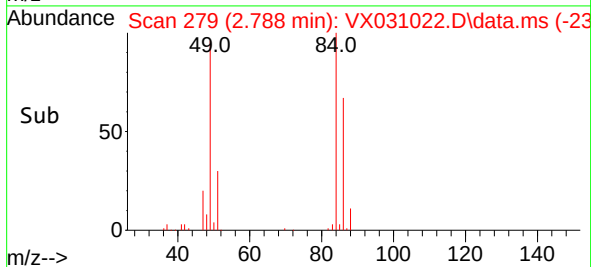
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

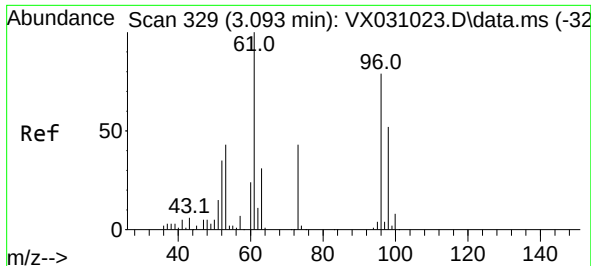


#20
Methylene Chloride
Concen: 18.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



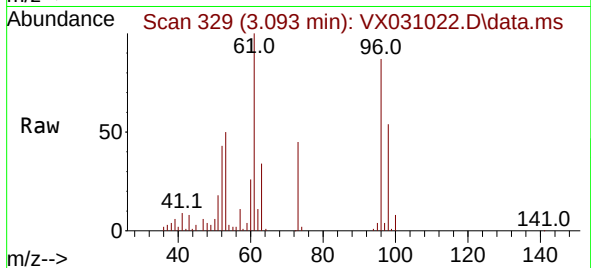
Tgt Ion: 84 Resp: 52550
Ion Ratio Lower Upper
84 100
49 95.9 93.8 140.6
51 30.0 29.4 44.0
86 67.3 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 19.669 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

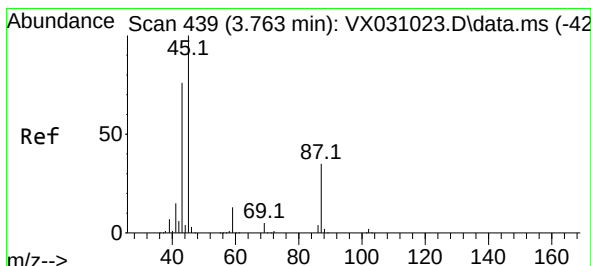
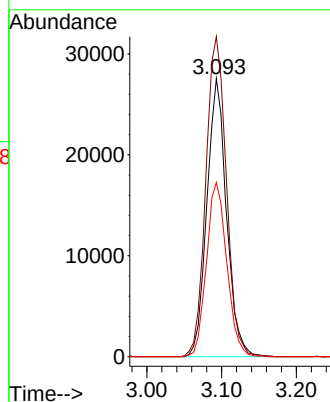
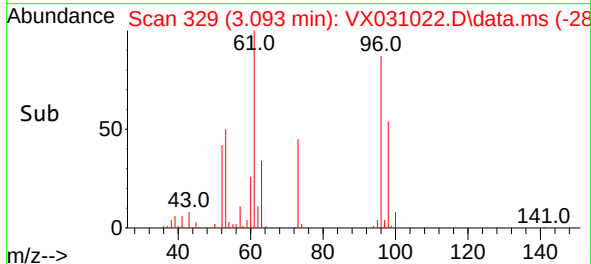
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 5023
Ion Ratio Lower Upper
96 100
61 115.2 105.6 158.4
98 62.7 50.1 75.1

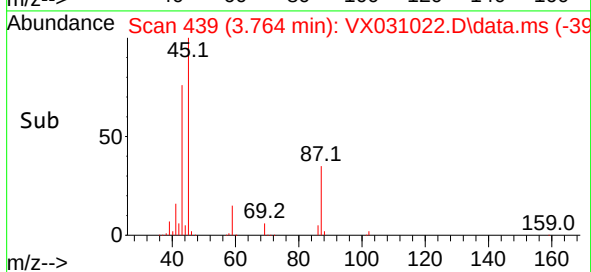
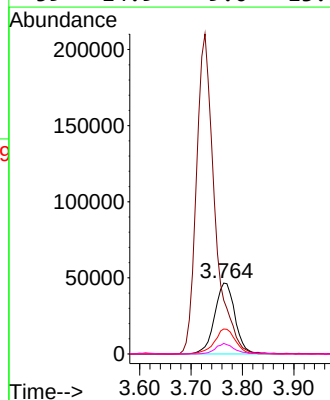
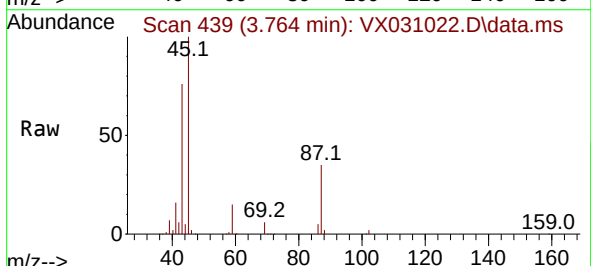
Manual Integrations
APPROVED

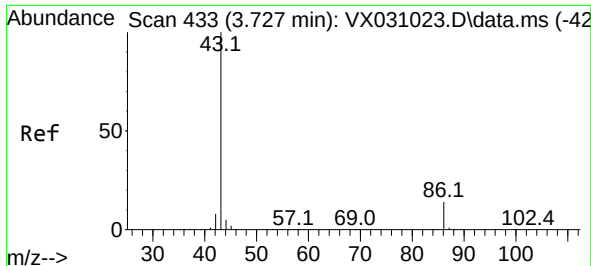
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#22
Diisopropyl ether
Concen: 16.292 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion: 45 Resp: 128279
Ion Ratio Lower Upper
45 100
43 75.2 65.4 98.0
87 35.2 22.3 33.5#
59 14.9 9.0 13.4#





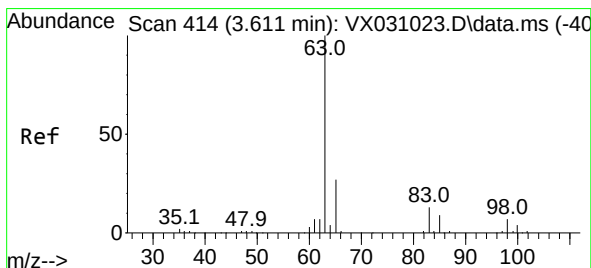
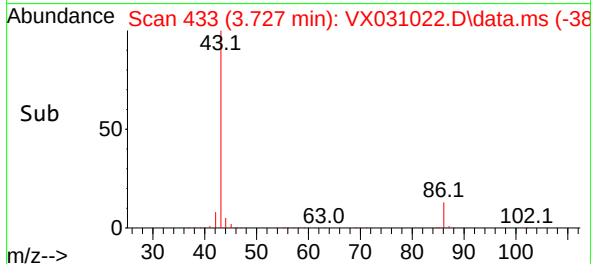
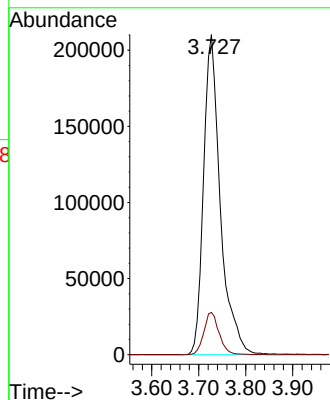
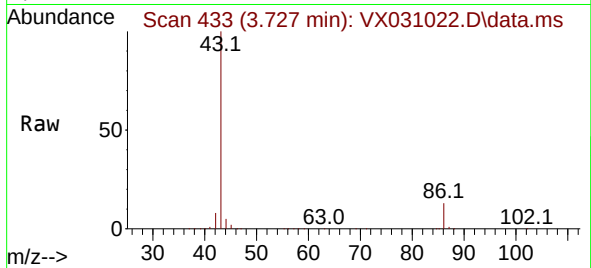
#23
 Vinyl Acetate
 Concen: 82.538 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX031022.D
 Acq: 01 Sep 2022 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 521372
 Ion Ratio Lower Upper
 43 100
 86 13.2 8.5 12.7

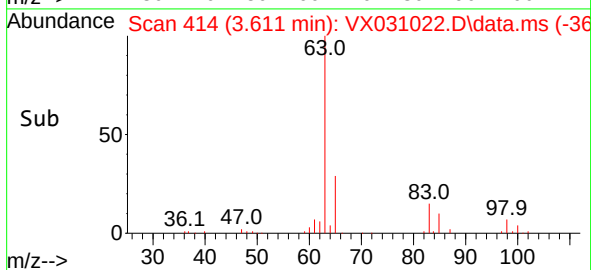
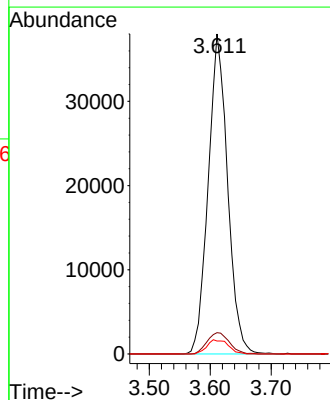
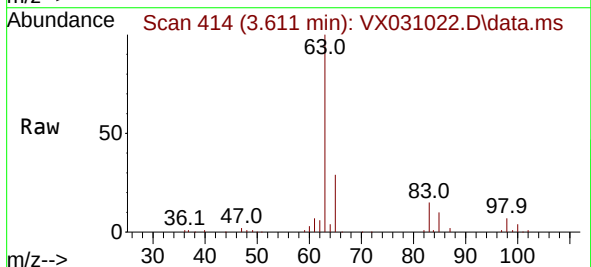
Manual Integrations
 APPROVED

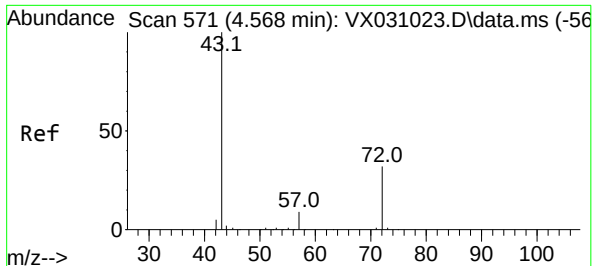
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#24
 1,1-Dichloroethane
 Concen: 18.223 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031022.D
 Acq: 01 Sep 2022 12:10

Tgt Ion: 63 Resp: 84026
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.1 2.3 6.9





#25

2-Butanone

Concen: 76.540 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 155440

Ion Ratio Lower Upper

43 100

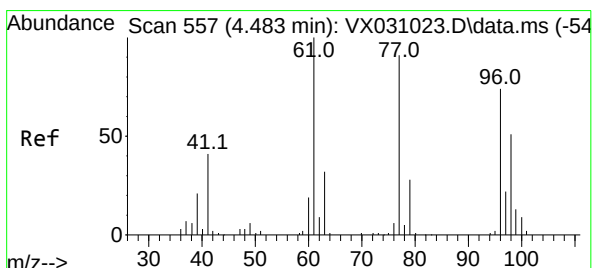
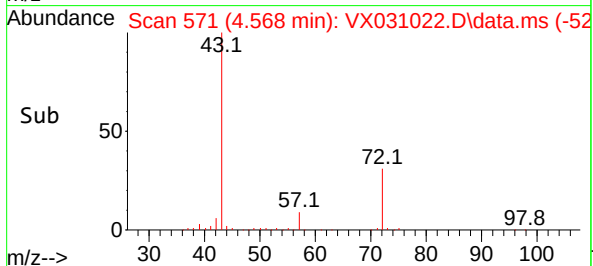
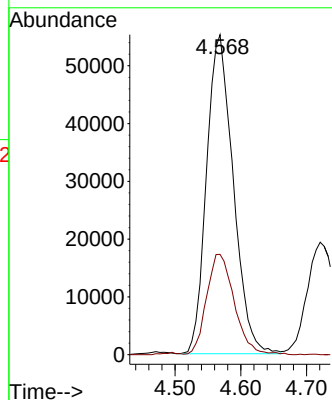
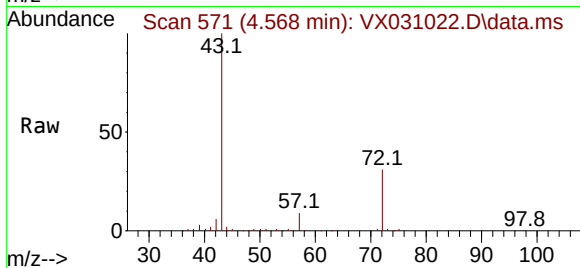
72 31.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#26

2,2-Dichloropropane

Concen: 18.834 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX031022.D

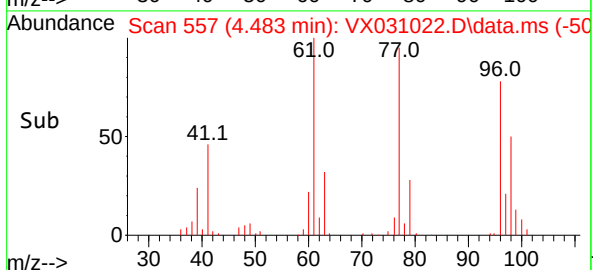
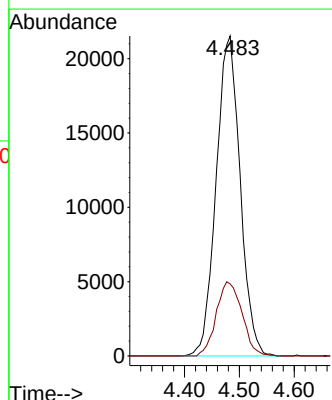
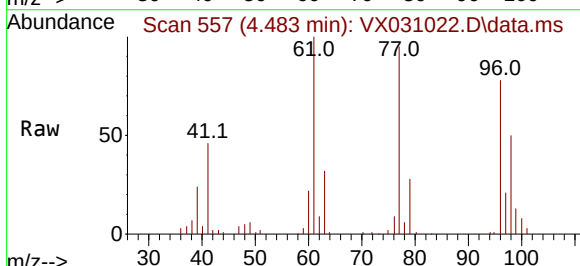
Acq: 01 Sep 2022 12:10

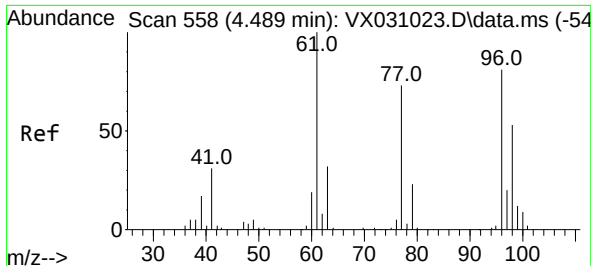
Tgt Ion: 77 Resp: 65442

Ion Ratio Lower Upper

77 100

97 24.8 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 19.572 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 57600

Ion Ratio Lower Upper

96 100

61 127.3 0.0 270.0

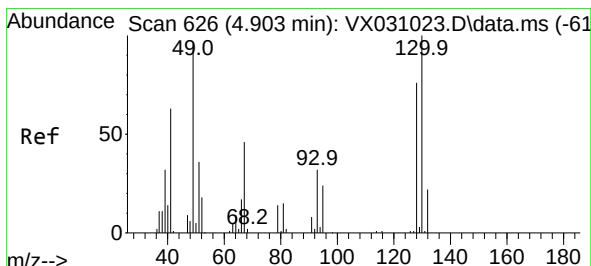
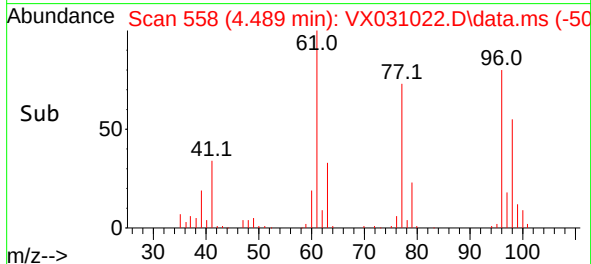
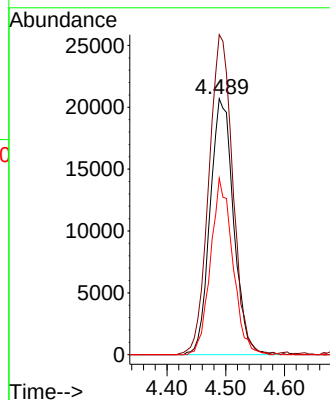
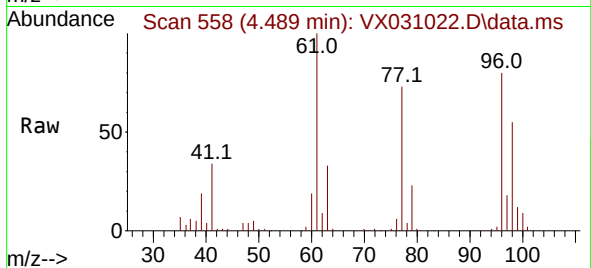
98 64.5 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#28

Bromochloromethane

Concen: 17.958 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

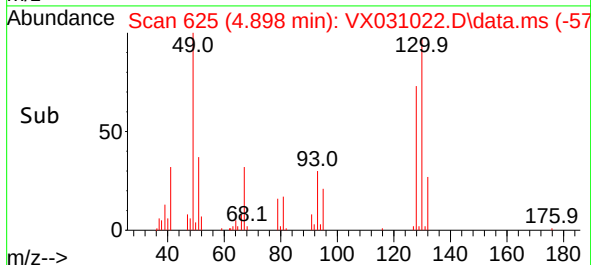
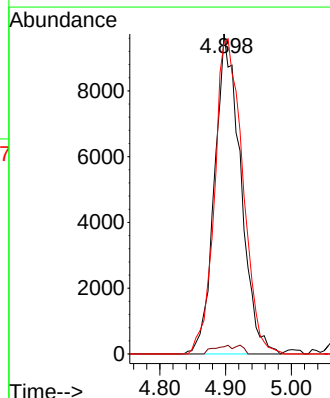
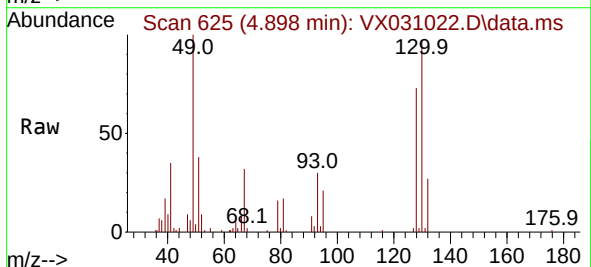
Tgt Ion: 49 Resp: 26785

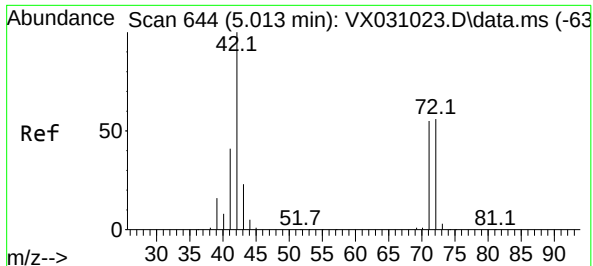
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

130 106.3 62.8 94.2#





#29

Tetrahydrofuran

Concen: 76.499 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

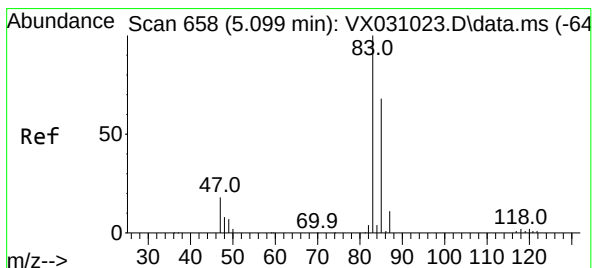
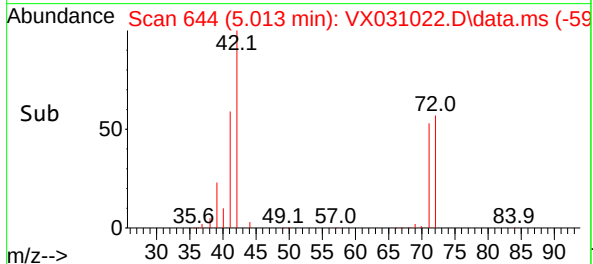
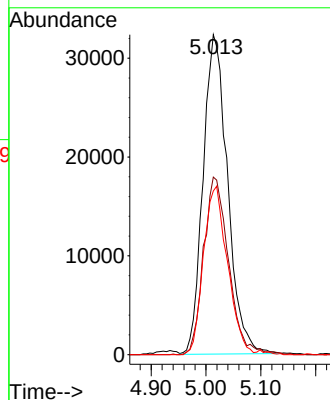
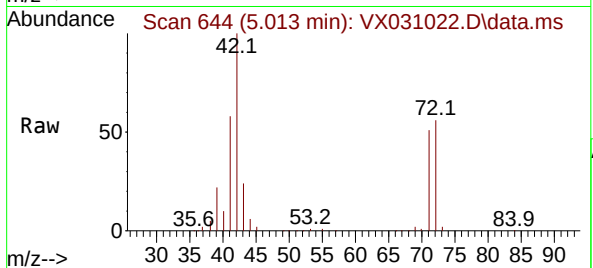
Tgt Ion:	42	Resp:	10050
Ion Ratio	Lower	Upper	
42	100		
72	56.8	36.5	54.7
71	51.8	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#30

Chloroform

Concen: 19.274 ug/l

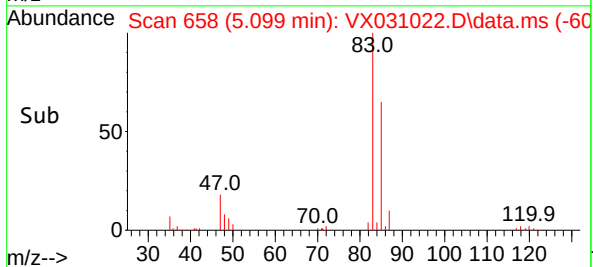
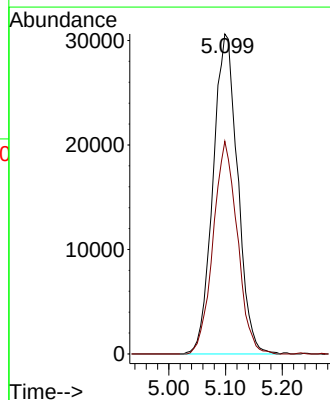
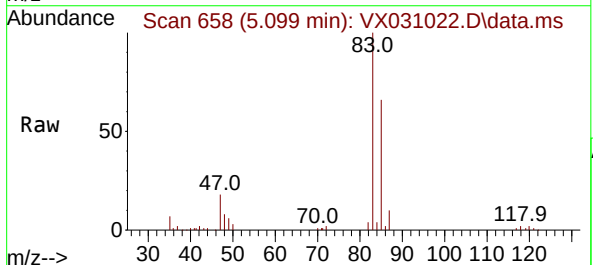
RT: 5.099 min Scan# 658

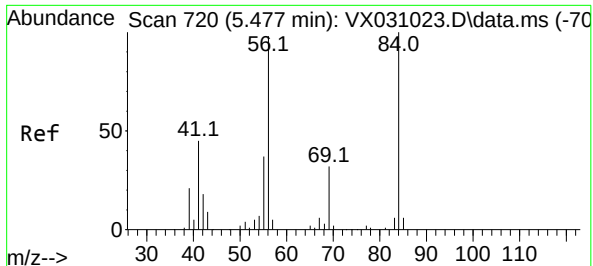
Delta R.T. -0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

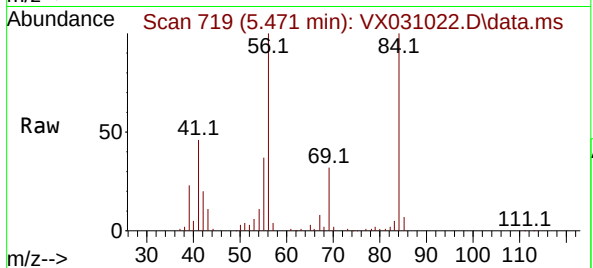
Tgt Ion:	83	Resp:	92196
Ion Ratio	Lower	Upper	
83	100		
85	66.5	51.5	77.3





#31
Cyclohexane
Concen: 17.450 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

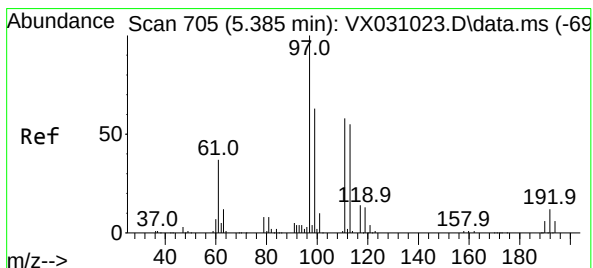
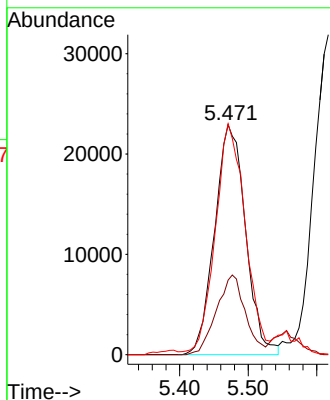
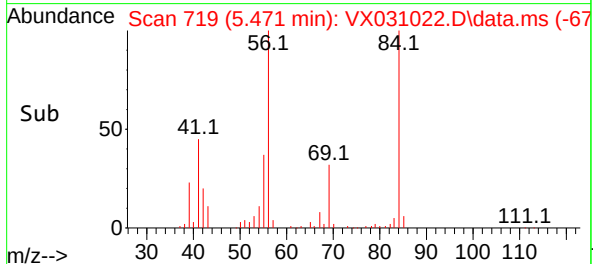
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



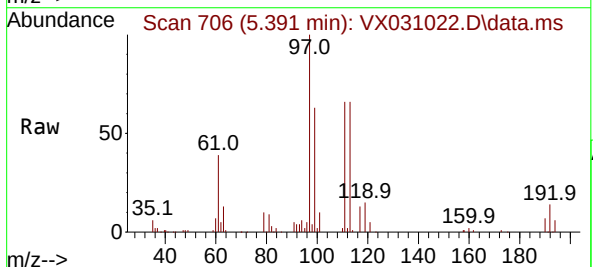
Tgt Ion: 56 Resp: 71792
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.0
84 99.1 68.9 103.3

Manual Integrations
APPROVED

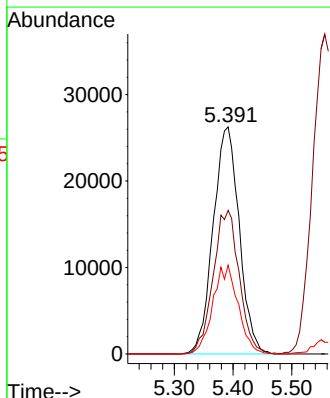
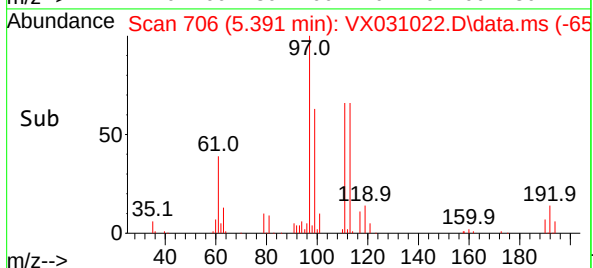
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

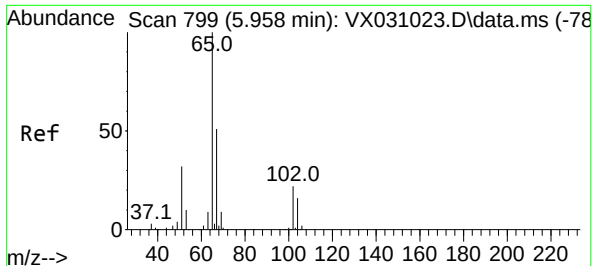


#32
1,1,1-Trichloroethane
Concen: 19.956 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



Tgt Ion: 97 Resp: 80922
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 38.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 18.837 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 5236

Ion Ratio Lower Upper

65 100

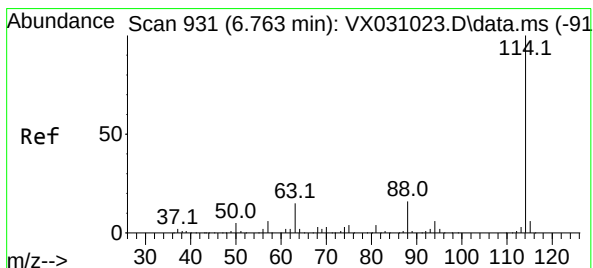
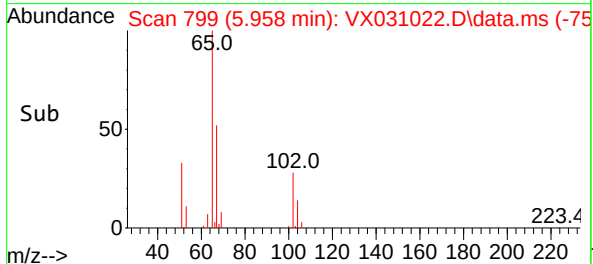
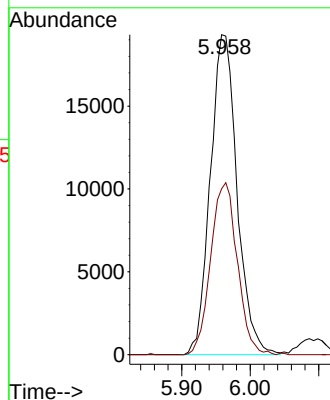
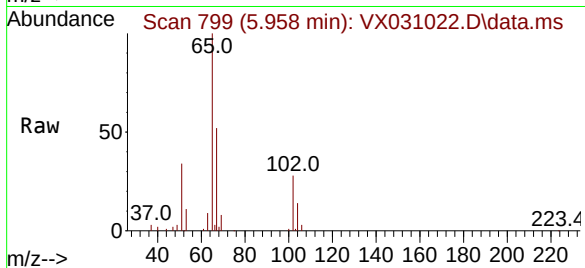
67 53.5 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

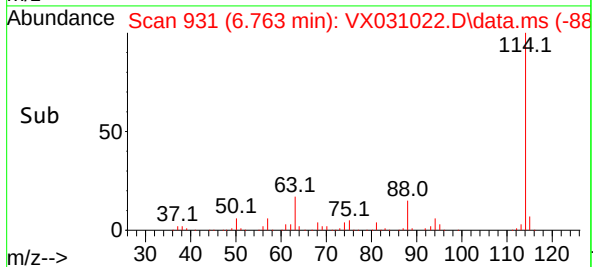
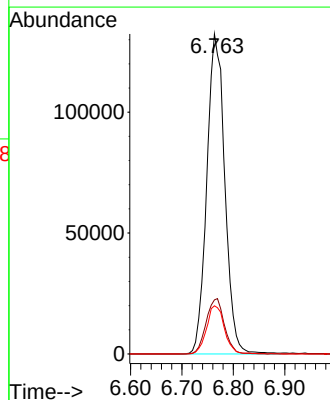
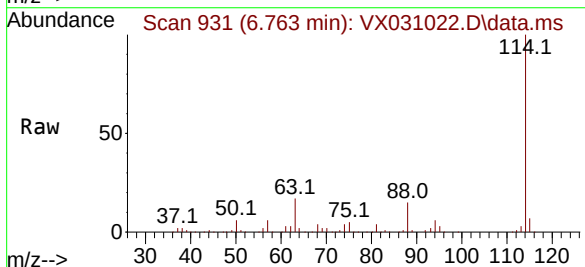
Tgt Ion:114 Resp: 321918

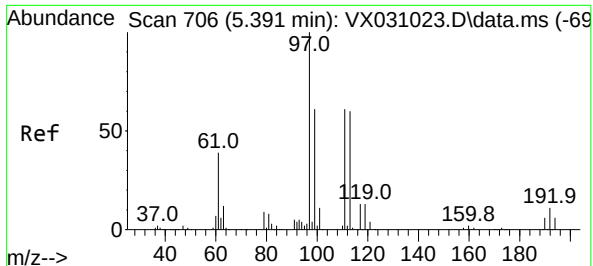
Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.4

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 20.678 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

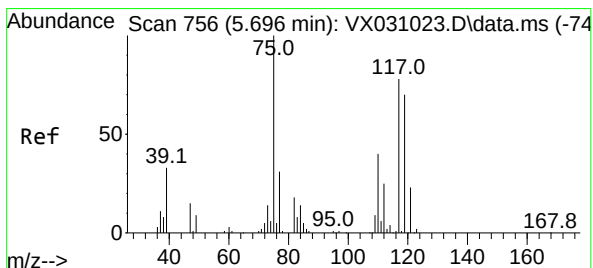
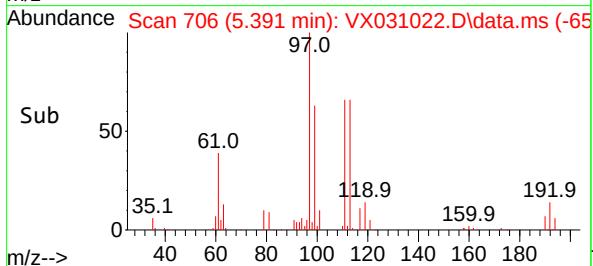
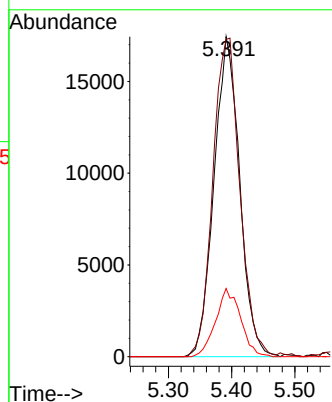
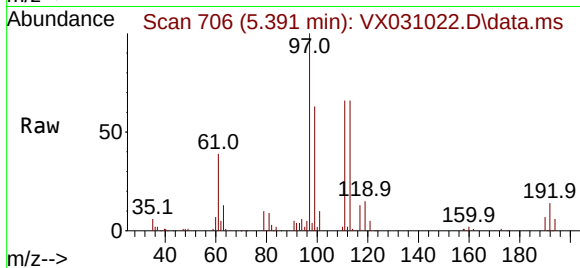
Tgt Ion:	113	Resp:	4906
Ion Ratio	Lower	Upper	
113	100		
111	104.3	83.2	124.8
192	20.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#36

1,1-Dichloropropene

Concen: 19.104 ug/l

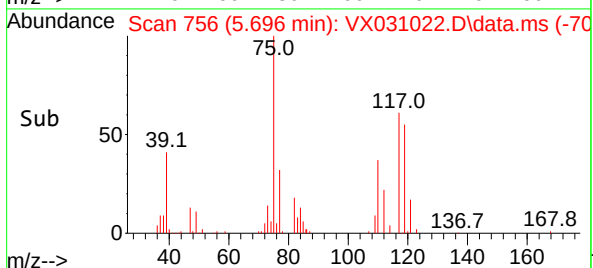
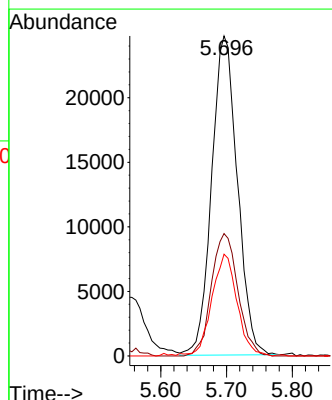
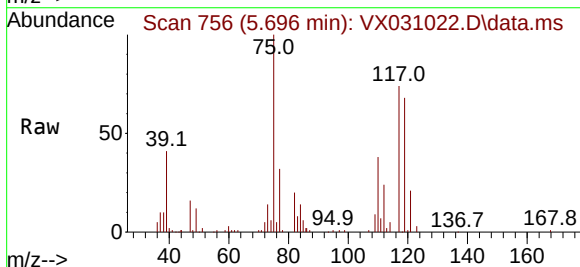
RT: 5.696 min Scan# 756

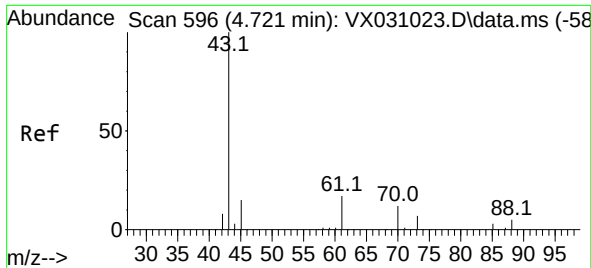
Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

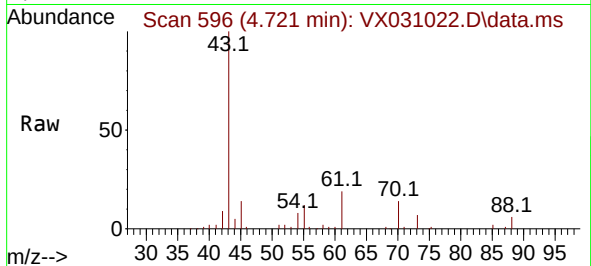
Tgt Ion:	75	Resp:	67379
Ion Ratio	Lower	Upper	
75	100		
110	39.5	19.3	57.9
77	31.3	24.4	36.6





#37
Ethyl Acetate
Concen: 15.403 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

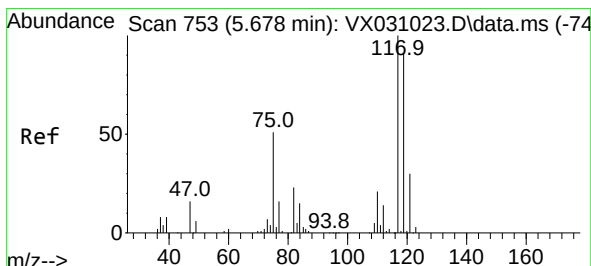
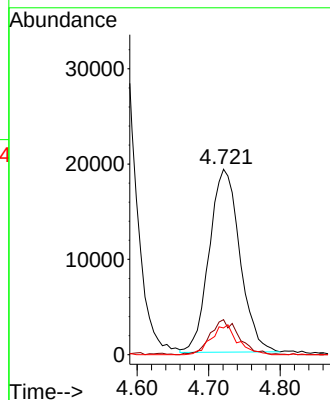
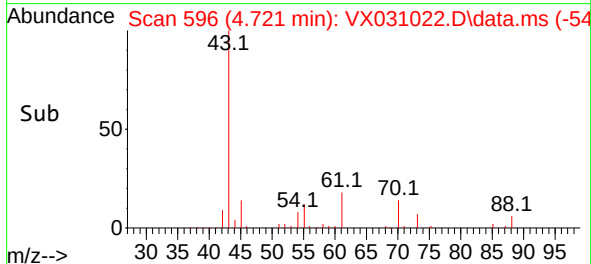
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 57114
Ion Ratio Lower Upper
43 100
61 18.2 11.7 17.5
70 14.1 9.3 13.9

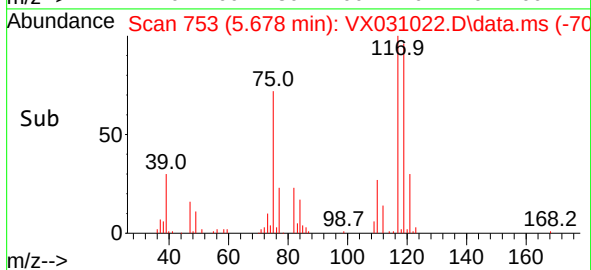
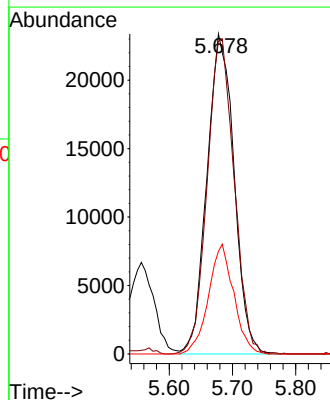
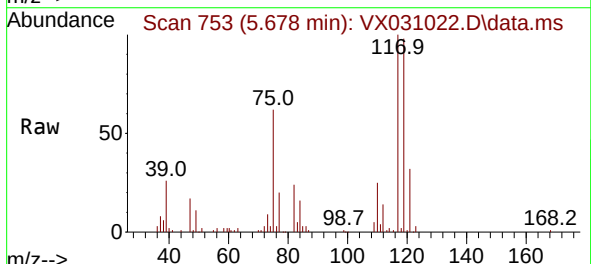
Manual Integrations
APPROVED

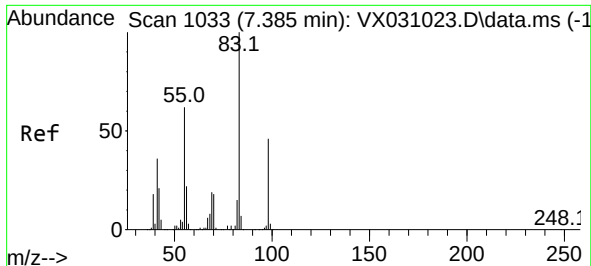
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#38
Carbon Tetrachloride
Concen: 20.692 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion:117 Resp: 69480
Ion Ratio Lower Upper
117 100
119 97.8 74.1 111.1
121 32.1 25.8 38.8





#39

Methylcyclohexane

Concen: 19.764 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 8526

Ion Ratio Lower Upper

83 100

55 63.5 57.7 86.5

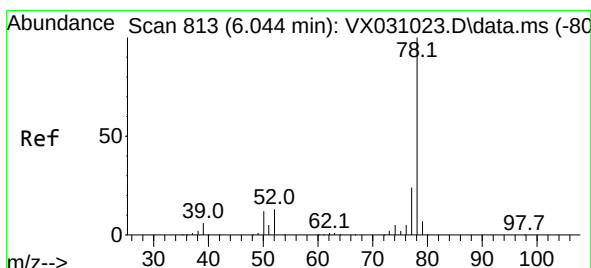
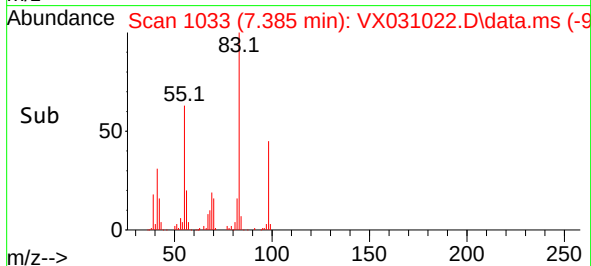
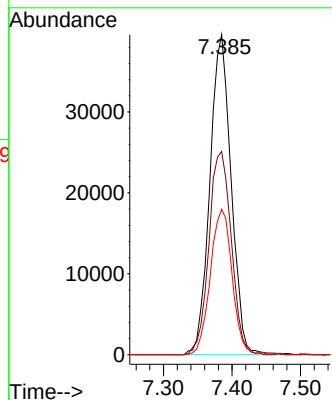
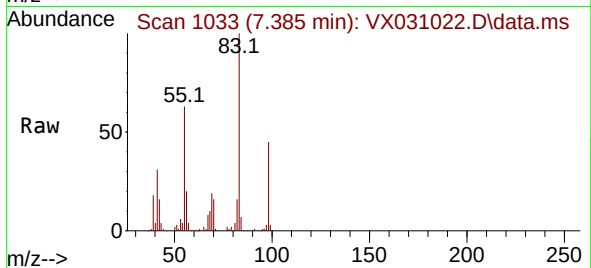
98 45.5 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#40

Benzene

Concen: 19.760 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX031022.D

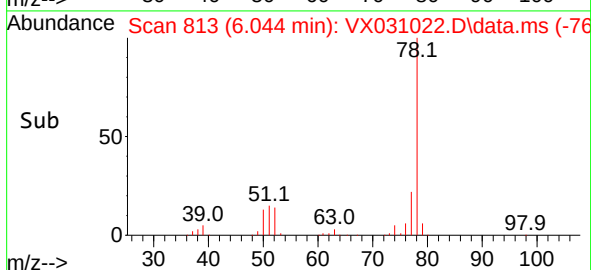
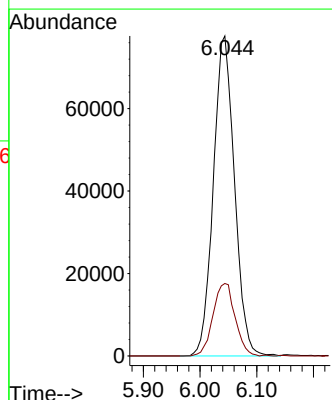
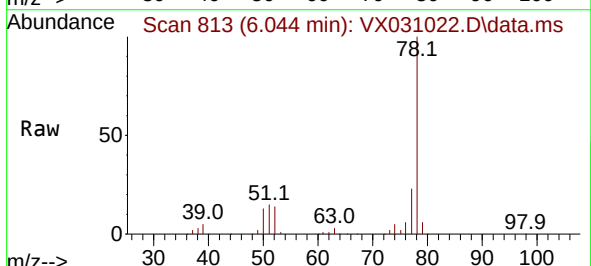
Acq: 01 Sep 2022 12:10

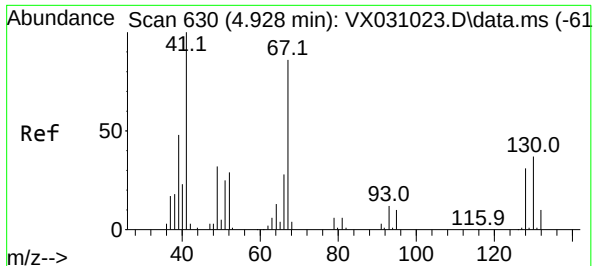
Tgt Ion: 78 Resp: 200871

Ion Ratio Lower Upper

78 100

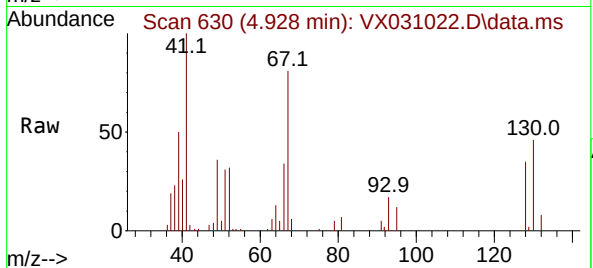
77 22.6 18.0 27.0





#41
Methacrylonitrile
Concen: 15.526 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

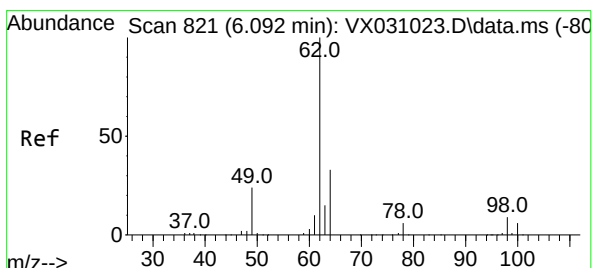
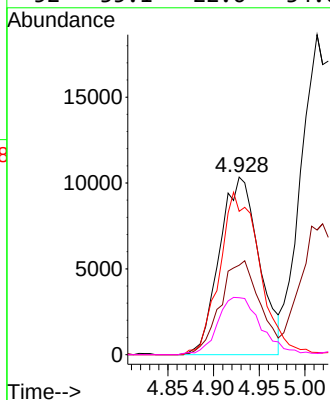
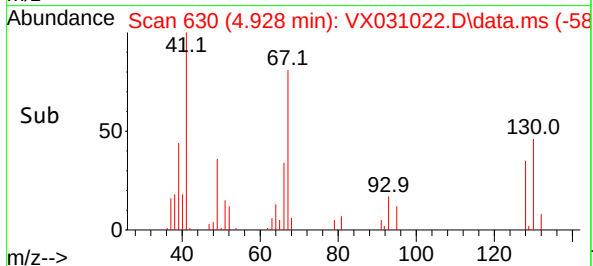
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020



Tgt Ion: 41 Resp: 31265
Ion Ratio Lower Upper
41 100
39 52.6 42.9 64.3
67 92.6 60.1 90.1
52 35.1 22.6 34.0#

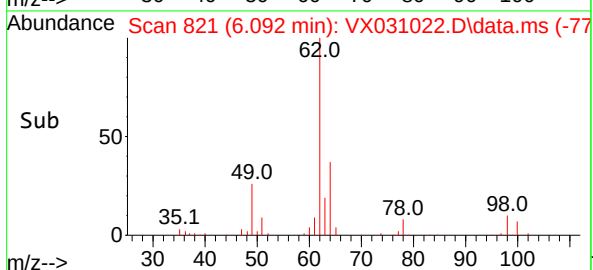
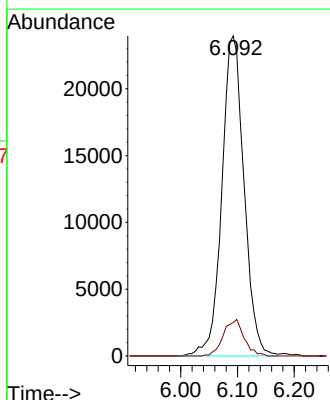
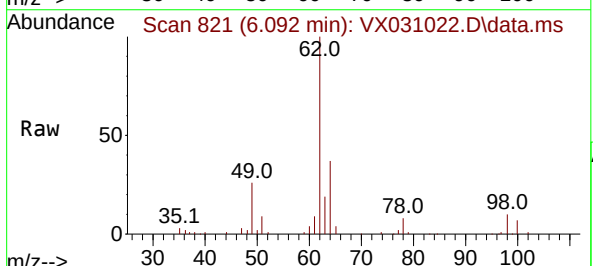
Manual Integrations
APPROVED

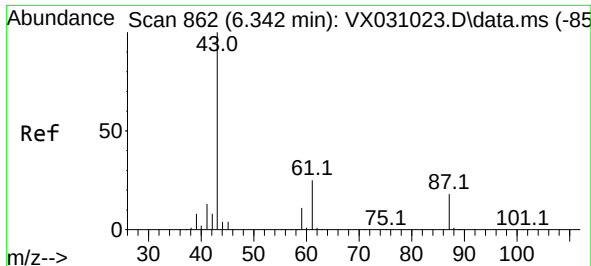
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
1,2-Dichloroethane
Concen: 19.268 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion: 62 Resp: 65065
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43

Isopropyl Acetate

Concen: 15.846 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

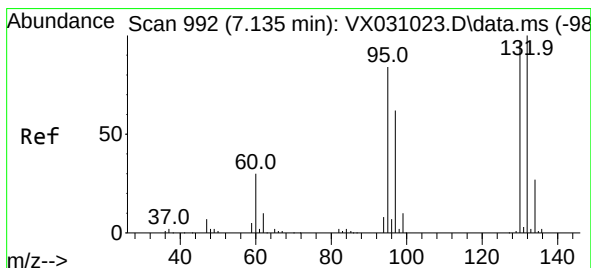
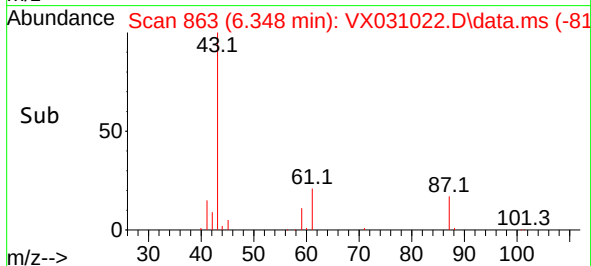
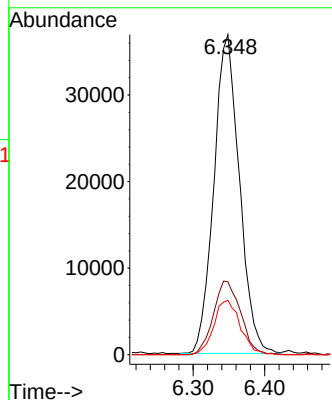
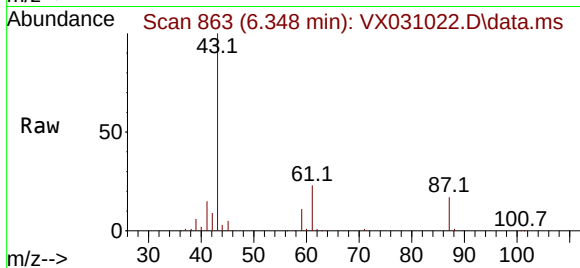
Tgt Ion: 43	Resp: 91174
Ion Ratio	Lower Upper
43 100	
61 24.6	16.5 24.7
87 17.7	11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#44

Trichloroethene

Concen: 20.843 ug/l

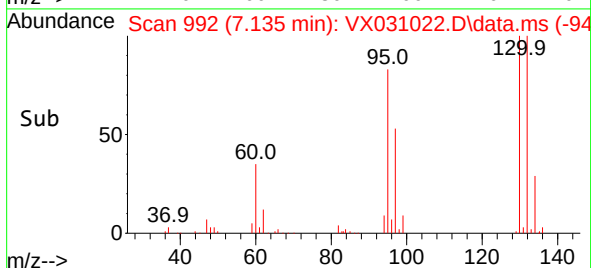
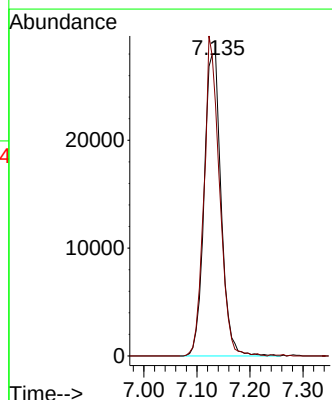
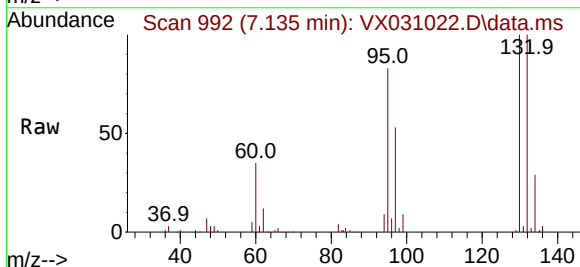
RT: 7.135 min Scan# 992

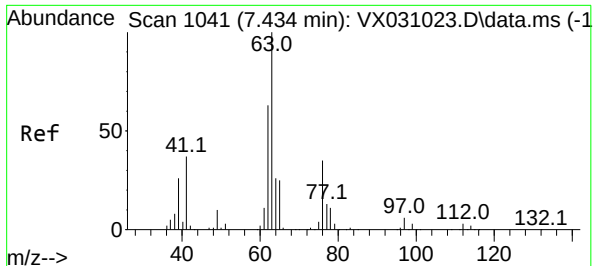
Delta R.T. 0.006 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Tgt Ion:130	Resp: 62418
Ion Ratio	Lower Upper
130 100	
95 82.9	0.0 194.8





#45

1,2-Dichloropropane

Concen: 18.849 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5114

Ion Ratio Lower Upper

63 100

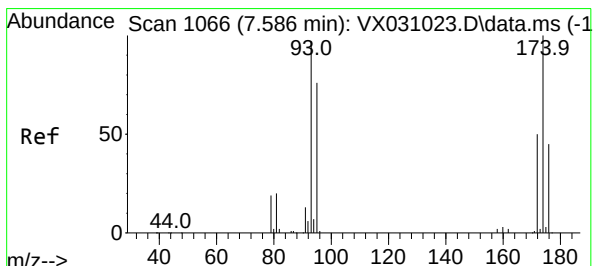
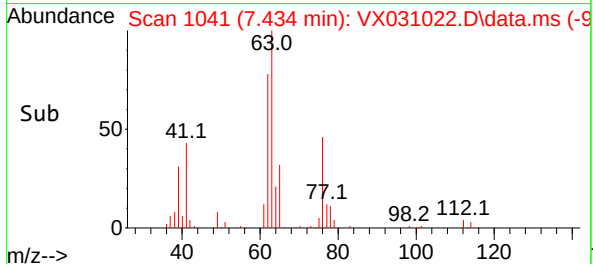
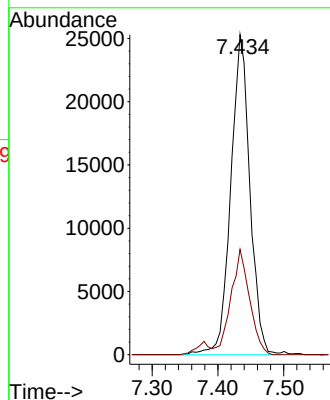
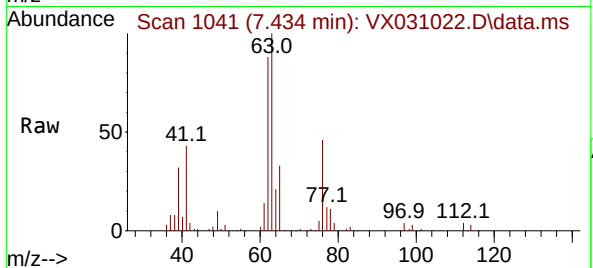
65 32.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#46

Dibromomethane

Concen: 20.453 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

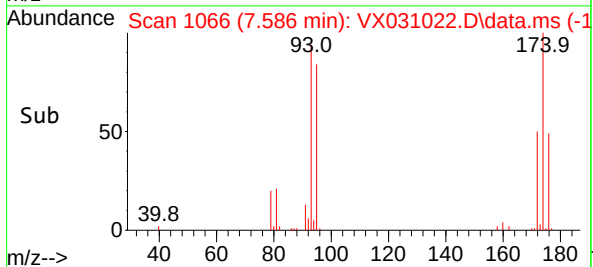
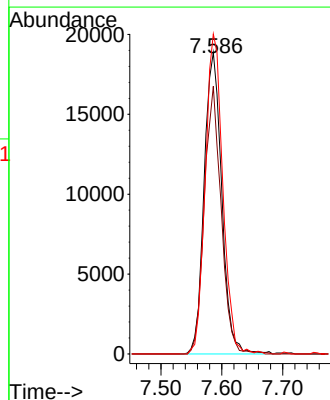
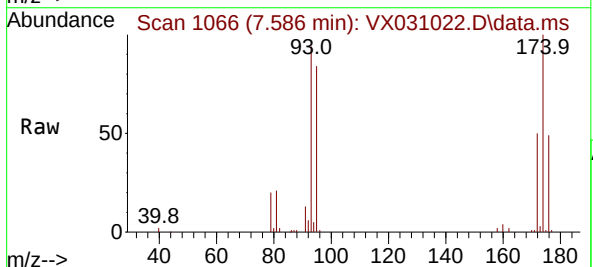
Tgt Ion: 93 Resp: 37899

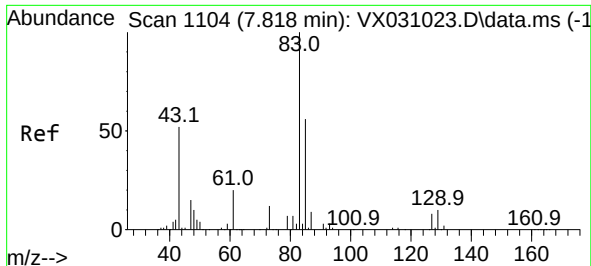
Ion Ratio Lower Upper

93 100

95 85.2 67.4 101.0

174 105.7 75.6 113.4





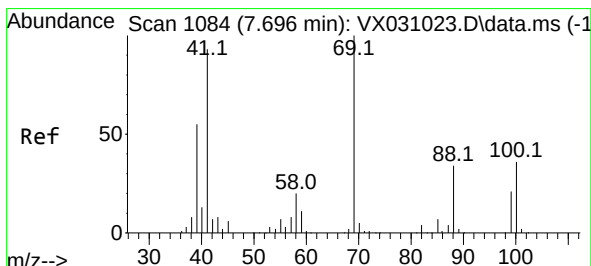
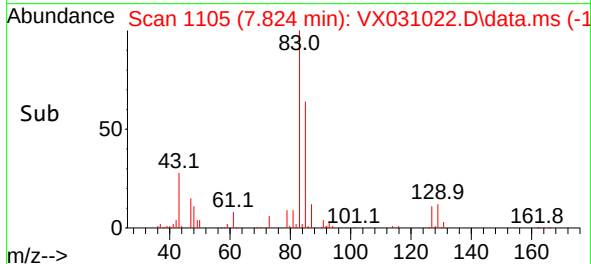
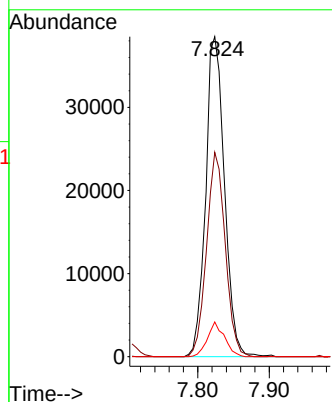
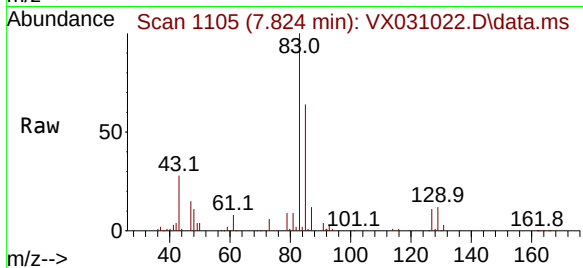
#47
Bromodichloromethane
Concen: 19.738 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 70314
Ion Ratio Lower Upper
83 100
85 63.8 53.5 80.3
127 10.8 6.6 10.0

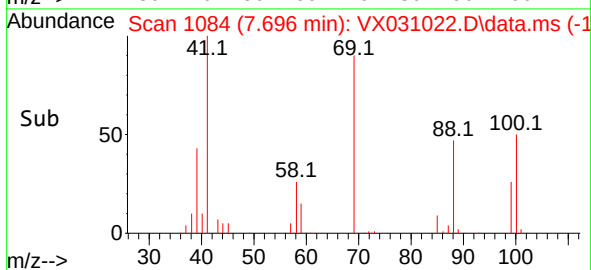
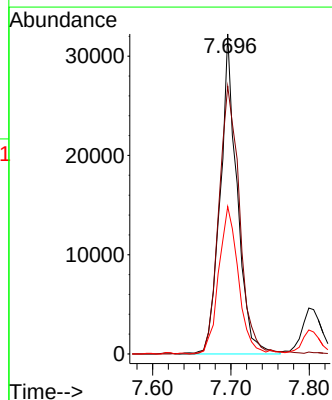
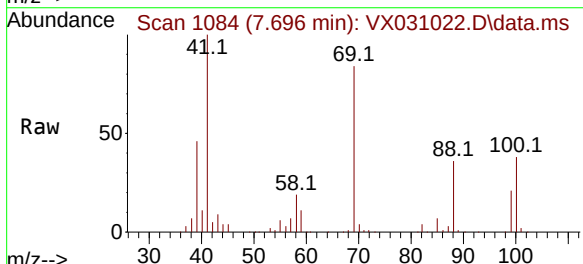
Manual Integrations
APPROVED

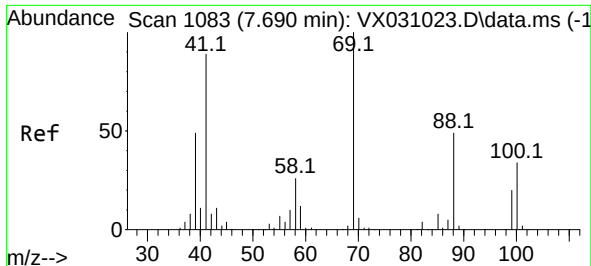
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#48
Methyl methacrylate
Concen: 16.812 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion: 41 Resp: 48419
Ion Ratio Lower Upper
41 100
69 102.8 68.8 103.2
39 54.1 44.6 66.8





#49

1,4-Dioxane

Concen: 398.879 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.013 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 3019

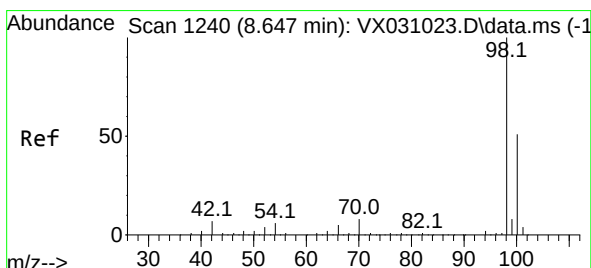
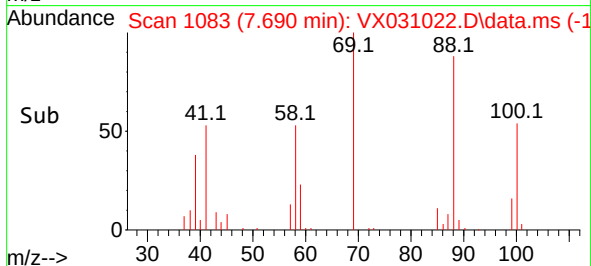
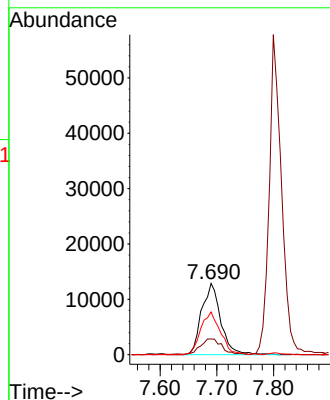
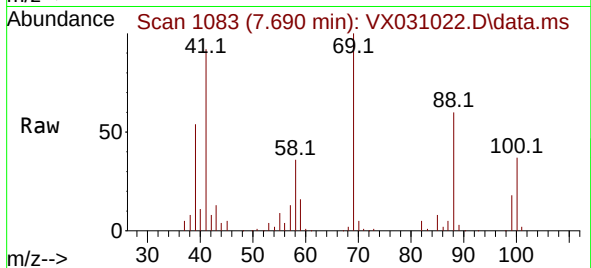
Ion	Ratio	Lower	Upper
88	100		
43	23.4	23.8	35.8
58	61.3	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#50

Toluene-d8

Concen: 20.678 ug/l

RT: 8.653 min Scan# 1241

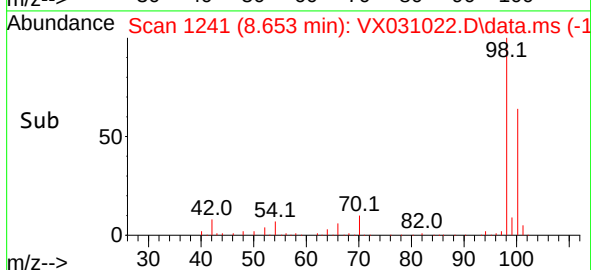
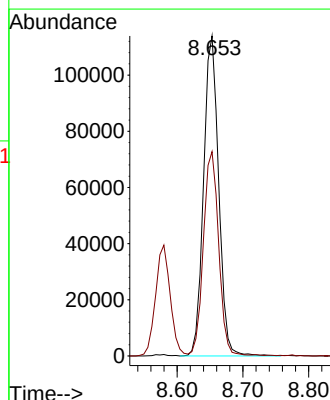
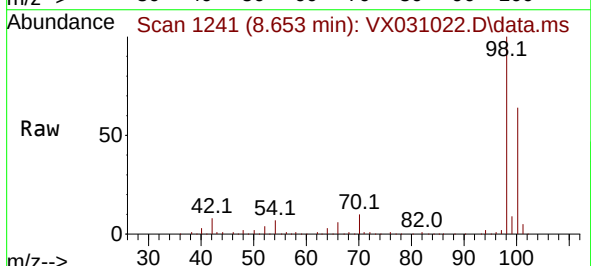
Delta R.T. -0.000 min

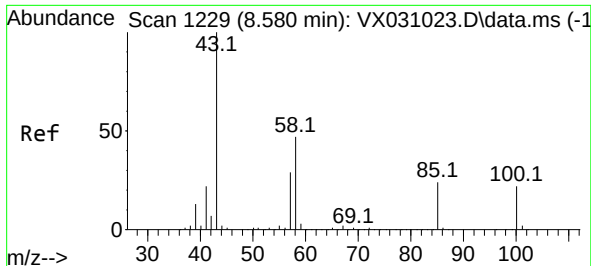
Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Tgt Ion: 98 Resp: 181723

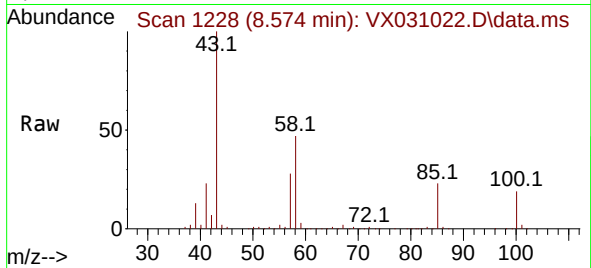
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 80.644 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

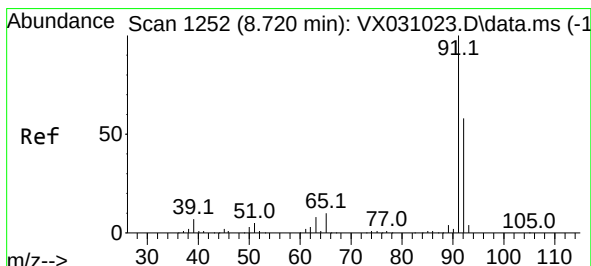
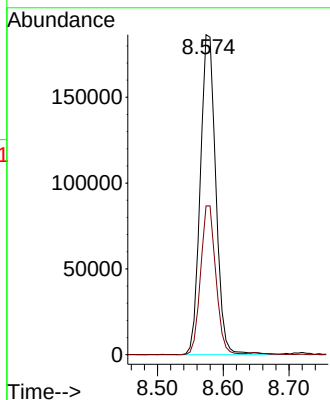
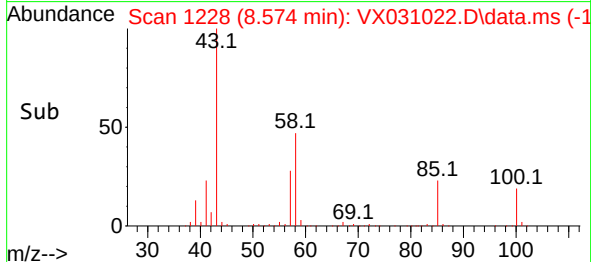
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 306258
Ion Ratio Lower Upper
43 100
58 45.7 31.4 47.2

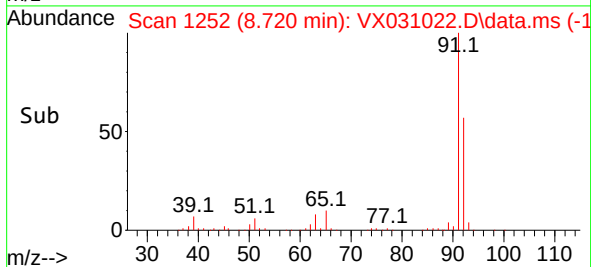
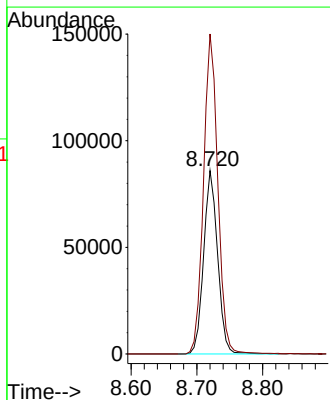
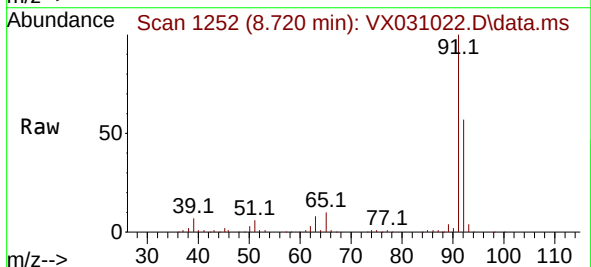
Manual Integrations
APPROVED

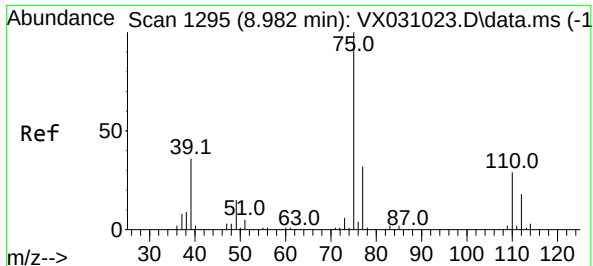
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#52
Toluene
Concen: 20.473 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion: 92 Resp: 127163
Ion Ratio Lower Upper
92 100
91 178.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.501 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 7009

Ion Ratio Lower Upper

75 100

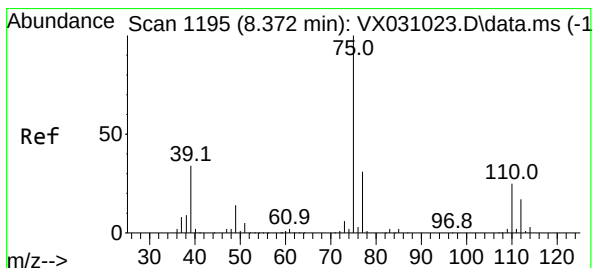
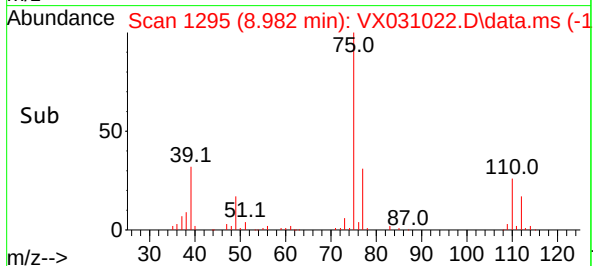
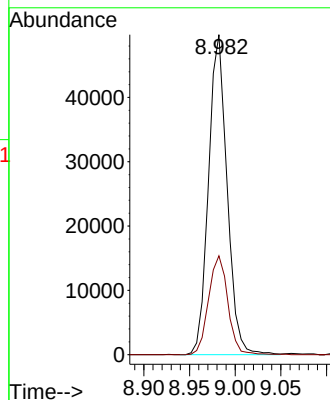
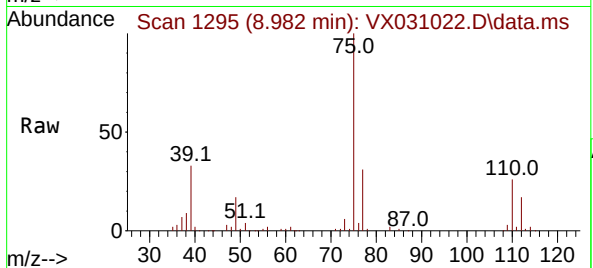
77 30.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#54

cis-1,3-Dichloropropene

Concen: 19.580 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

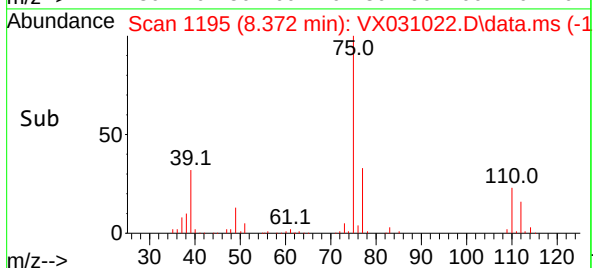
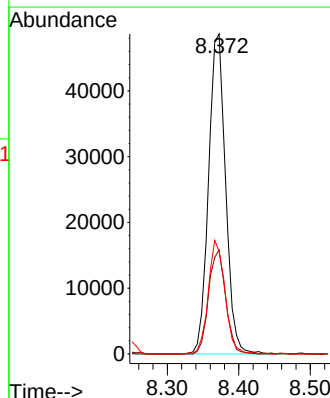
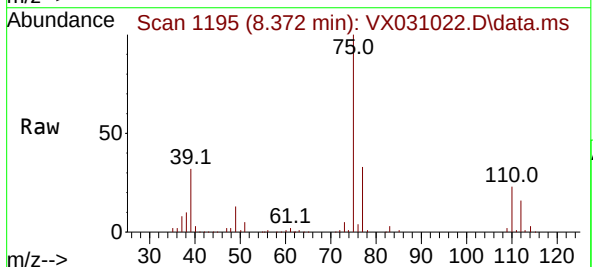
Tgt Ion: 75 Resp: 80514

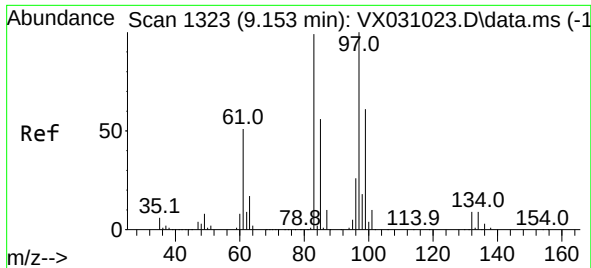
Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

39 32.0 37.5 56.3#





#55

1,1,2-Trichloroethane

Concen: 20.002 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 53890

Ion Ratio Lower Upper

97 100

83 83.0 68.9 103.3

85 52.8 44.0 66.0

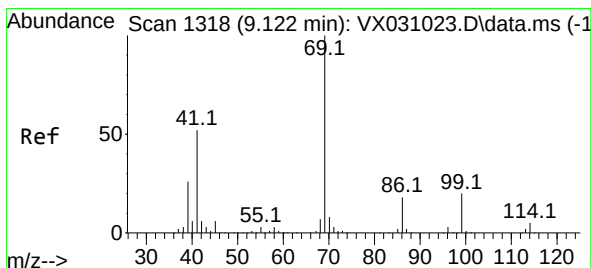
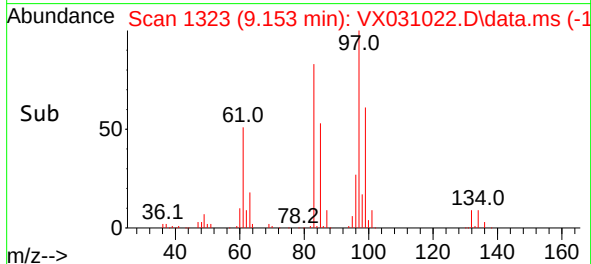
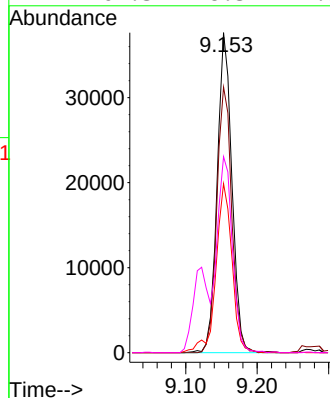
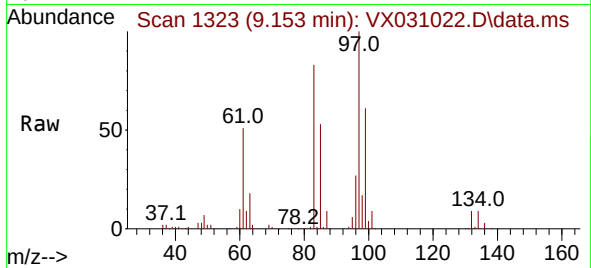
99 61.3 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#56

Ethyl methacrylate

Concen: 19.750 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

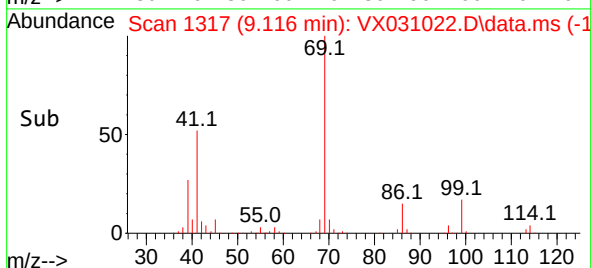
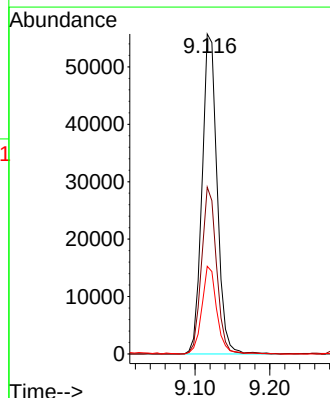
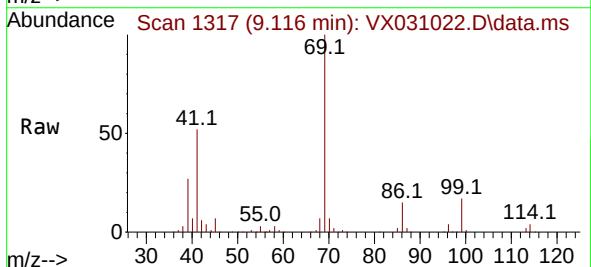
Tgt Ion: 69 Resp: 77931

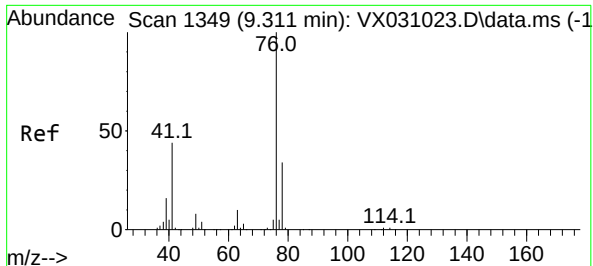
Ion Ratio Lower Upper

69 100

41 51.6 52.3 78.5#

39 27.4 28.2 42.4#





#57

1,3-Dichloropropane

Concen: 19.921 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 88519

Ion Ratio Lower Upper

76 100

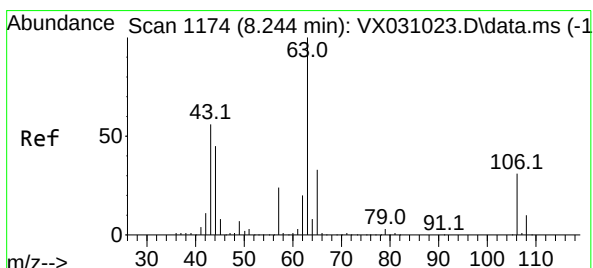
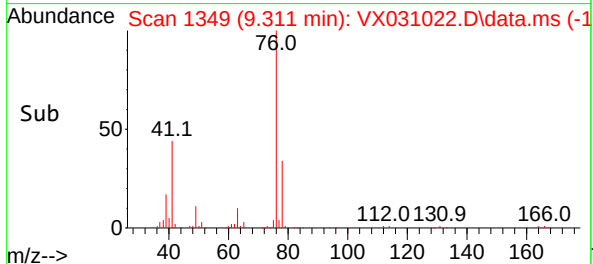
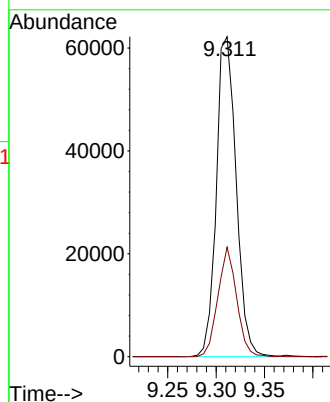
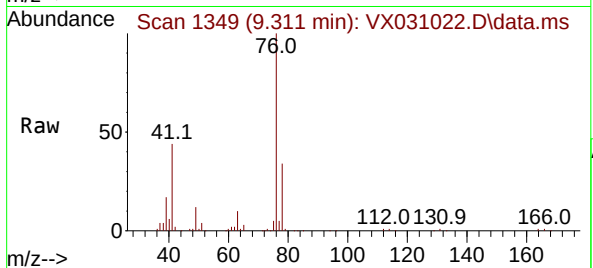
78 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 101.957 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.013 min

Lab File: VX031022.D

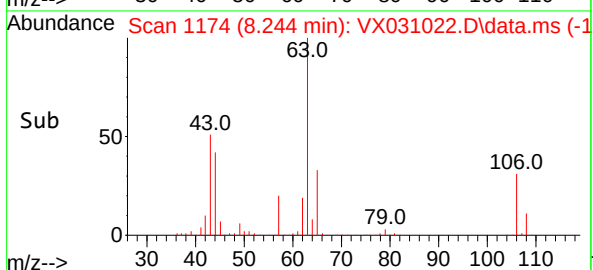
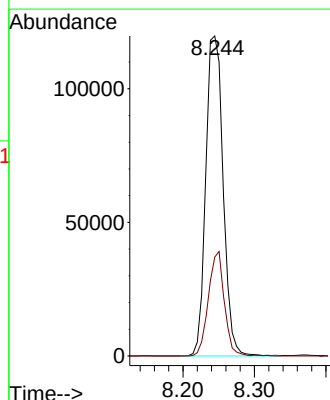
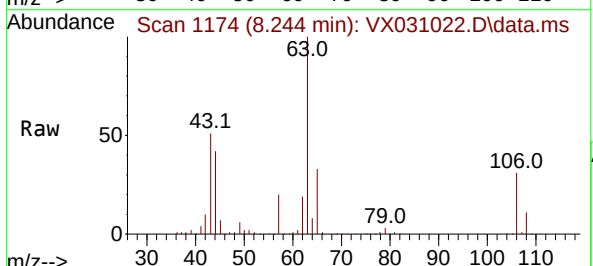
Acq: 01 Sep 2022 12:10

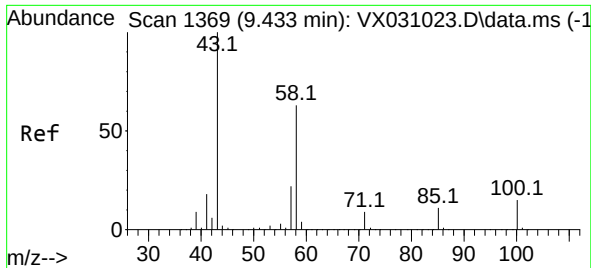
Tgt Ion: 63 Resp: 202062

Ion Ratio Lower Upper

63 100

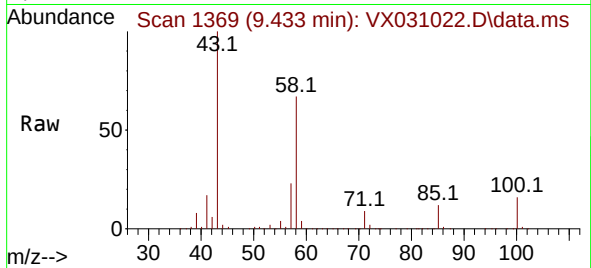
106 30.0 22.2 33.2





#59
2-Hexanone
Concen: 86.869 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

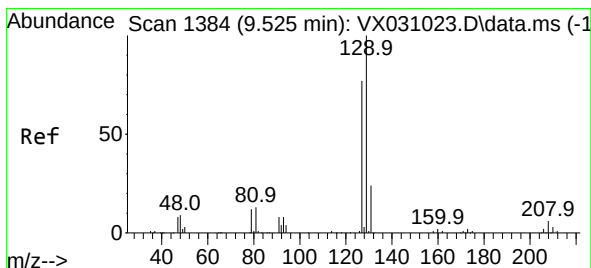
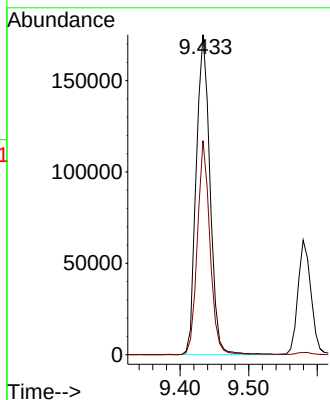
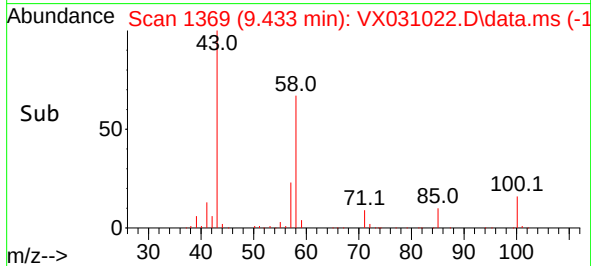
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 245319
Ion Ratio Lower Upper
43 100
58 61.3 27.6 82.8

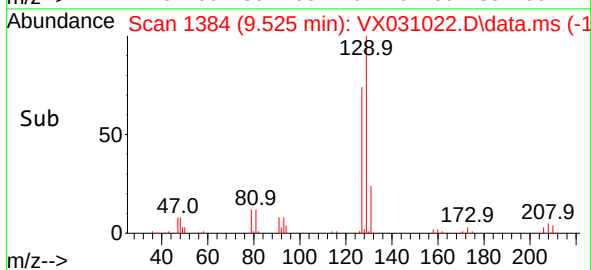
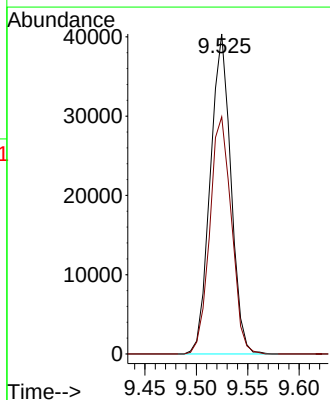
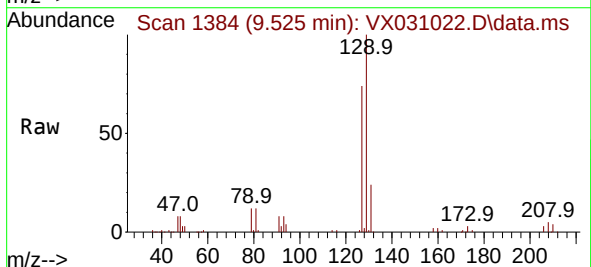
Manual Integrations
APPROVED

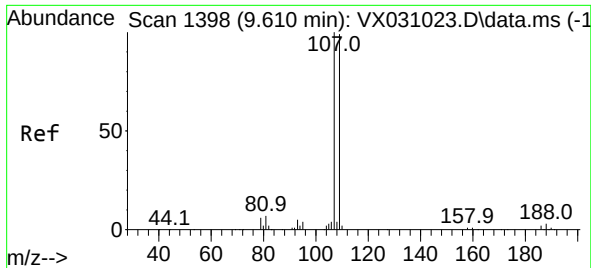
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#60
Dibromochloromethane
Concen: 20.980 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

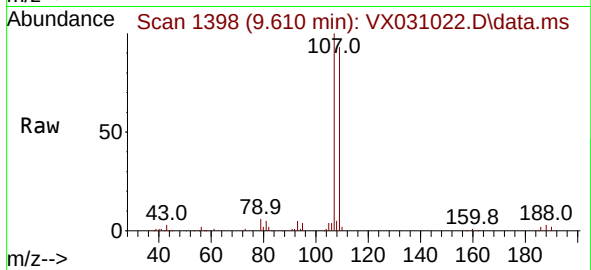
Tgt Ion:129 Resp: 56176
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.846 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

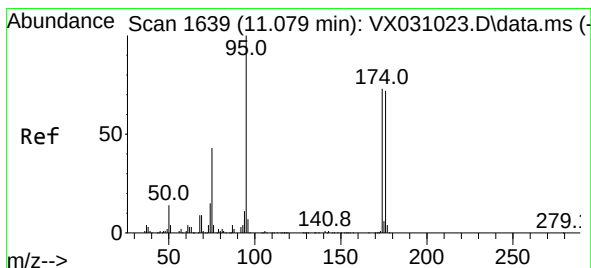
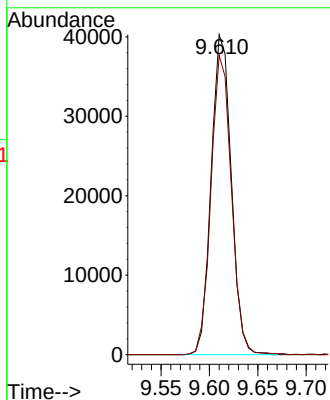
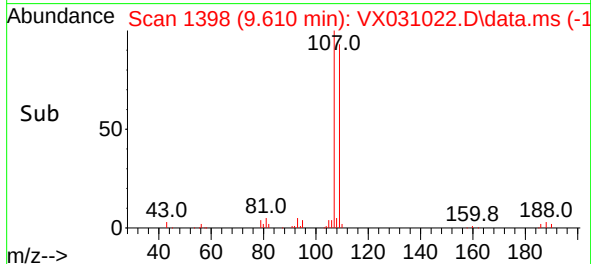
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



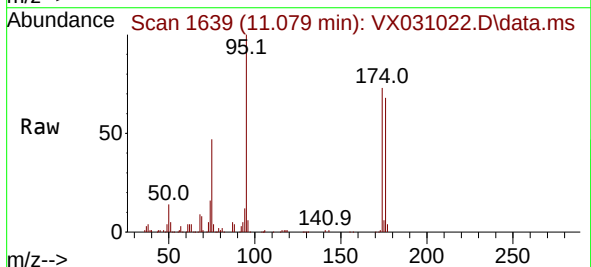
Tgt Ion:107 Resp: 5798
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8

Manual Integrations
APPROVED

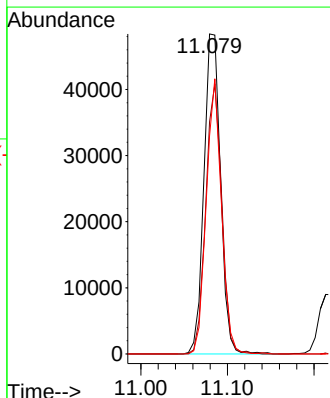
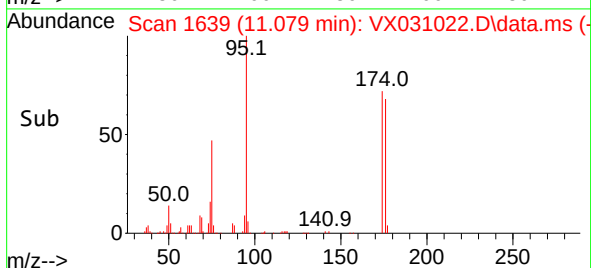
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

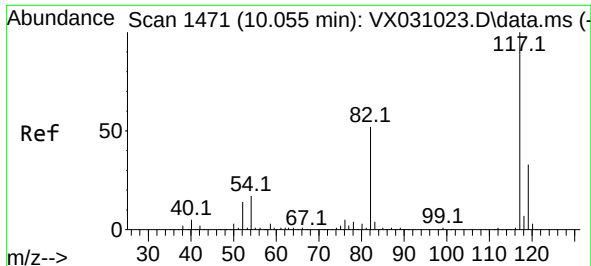


#62
4-Bromofluorobenzene
Concen: 20.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



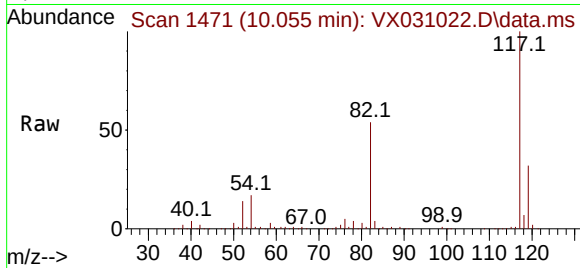
Tgt Ion: 95 Resp: 64411
Ion Ratio Lower Upper
95 100
174 81.9 0.0 149.0
176 78.7 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

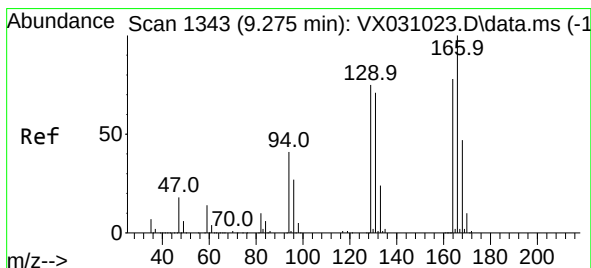
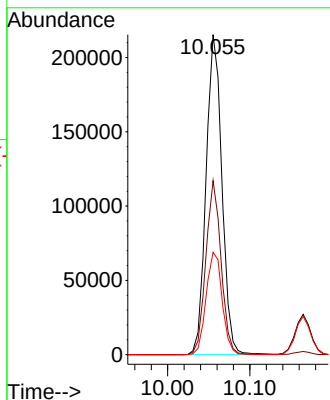
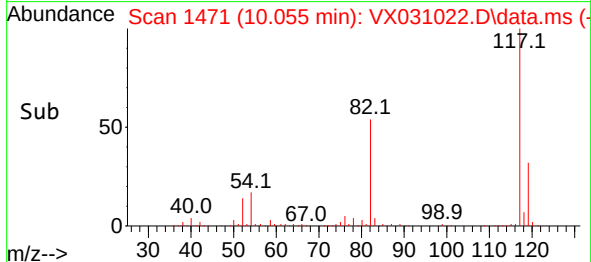
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 28826
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 32.0 25.4 38.2

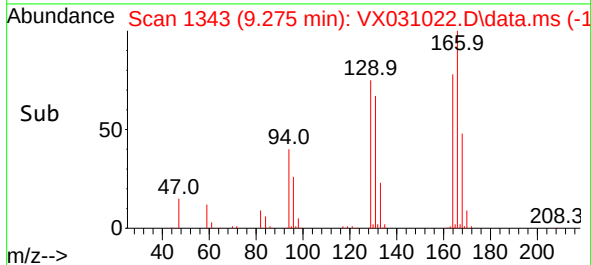
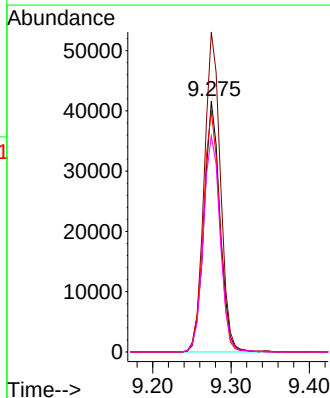
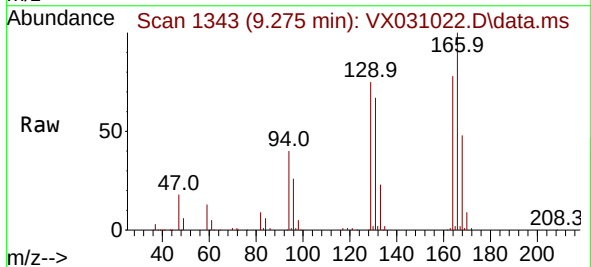
Manual Integrations
APPROVED

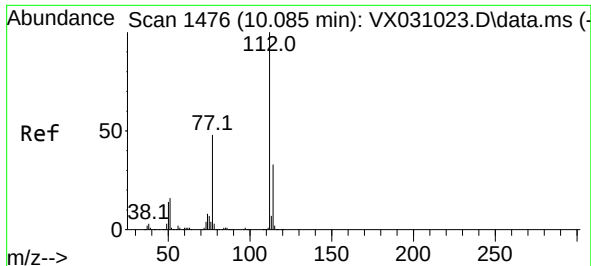
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#64
Tetrachloroethene
Concen: 21.506 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

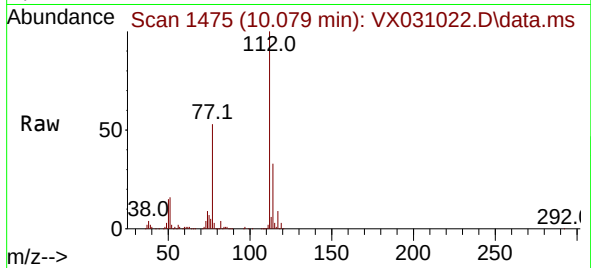
Tgt Ion:164 Resp: 58636
Ion Ratio Lower Upper
164 100
166 127.7 98.2 147.4
129 96.0 80.8 121.2
131 86.1 75.5 113.3





#65
Chlorobenzene
Concen: 20.488 ug/l
RT: 10.079 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

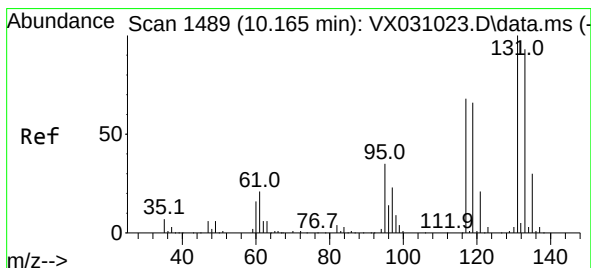
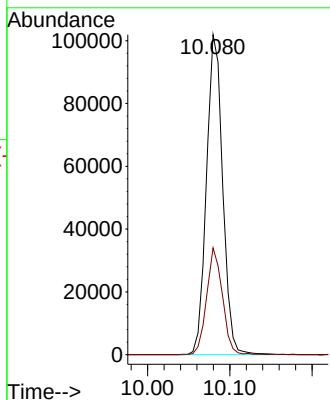
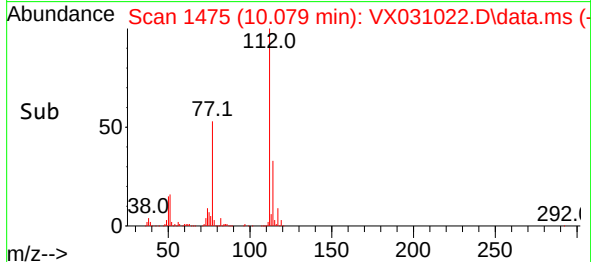
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



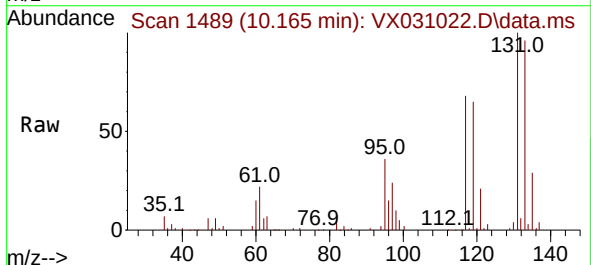
Tgt Ion:112 Resp: 139652
Ion Ratio Lower Upper
112 100
114 33.4 24.6 36.8

Manual Integrations
APPROVED

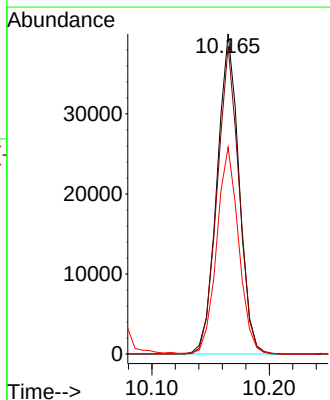
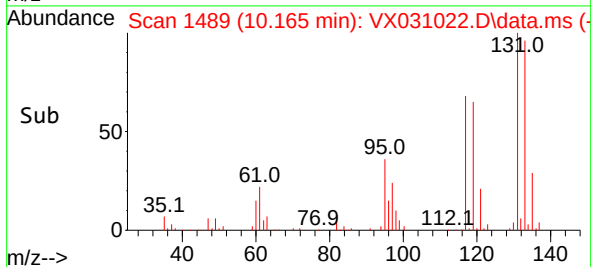
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

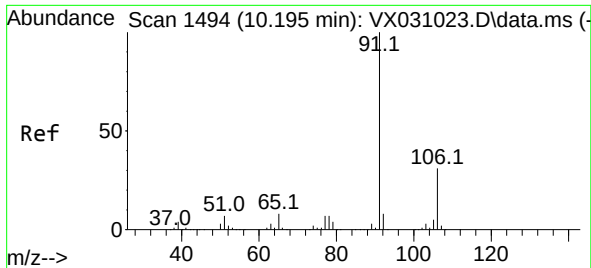


#66
1,1,1,2-Tetrachloroethane
Concen: 21.499 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



Tgt Ion:131 Resp: 51922
Ion Ratio Lower Upper
131 100
133 95.2 46.9 140.8
119 64.6 34.4 103.1





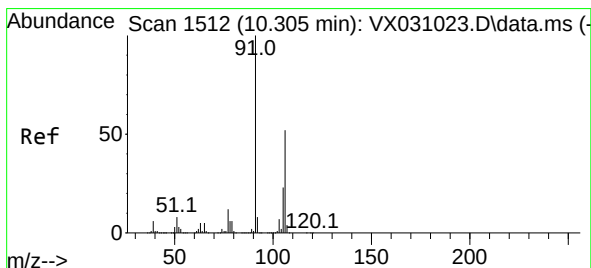
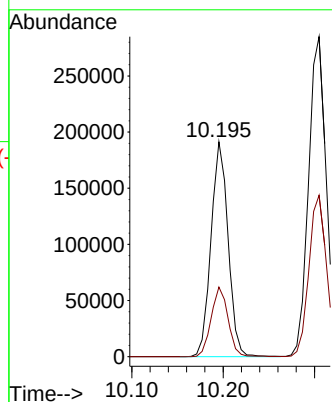
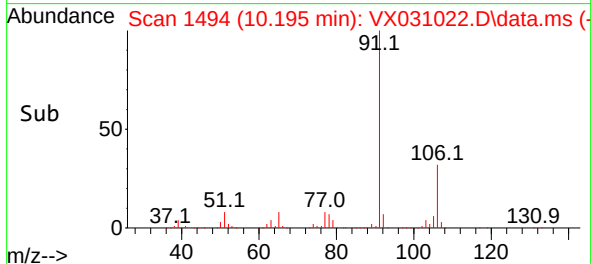
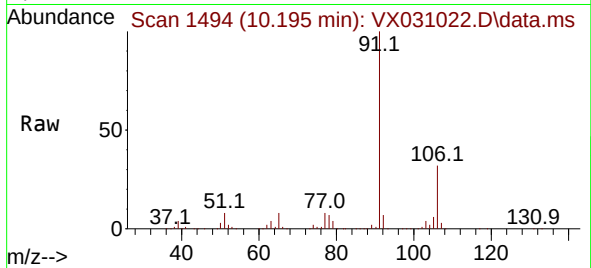
#67
Ethyl Benzene
Concen: 20.497 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 247822
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3

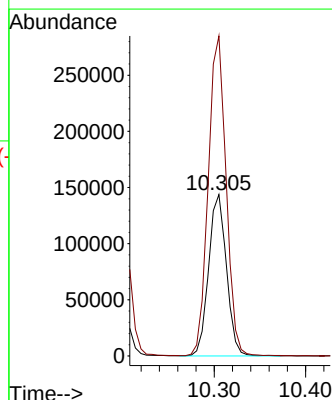
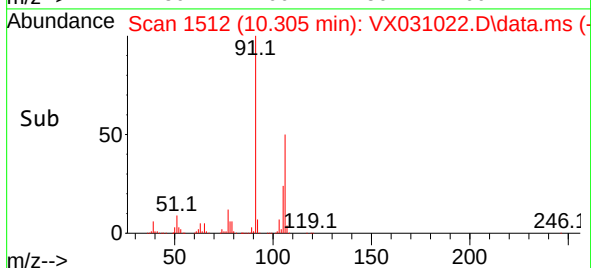
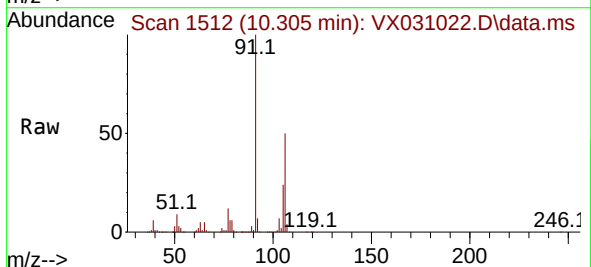
Manual Integrations
APPROVED

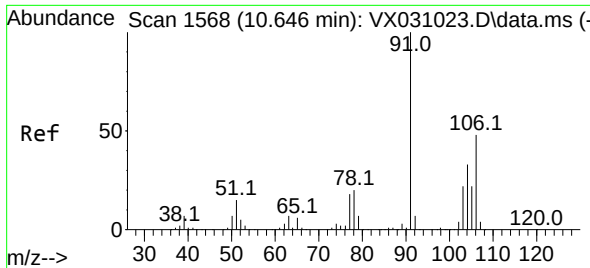
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#68
m/p-Xylenes
Concen: 42.467 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion:106 Resp: 194481
Ion Ratio Lower Upper
106 100
91 198.8 158.2 237.4





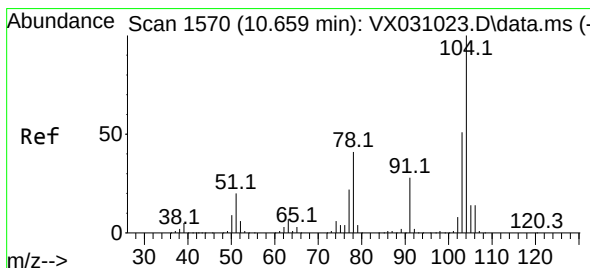
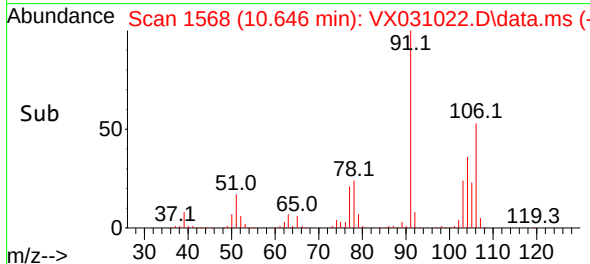
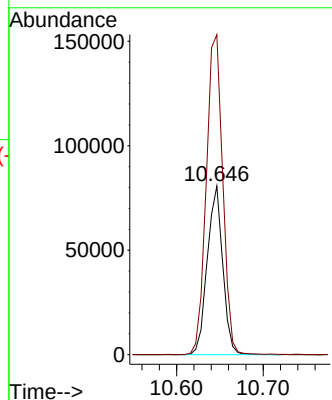
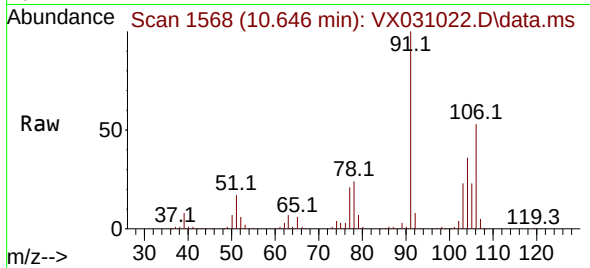
#69
o-Xylene
Concen: 22.299 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 9994
Ion Ratio Lower Upper
106 100
91 202.1 103.8 311.6

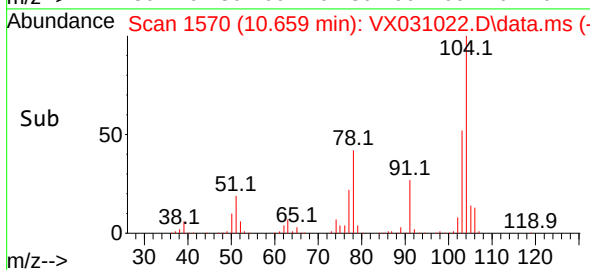
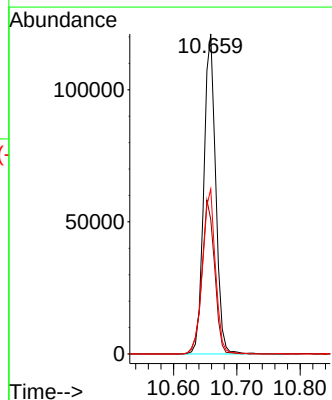
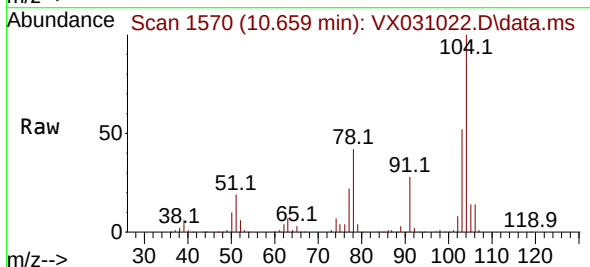
Manual Integrations
APPROVED

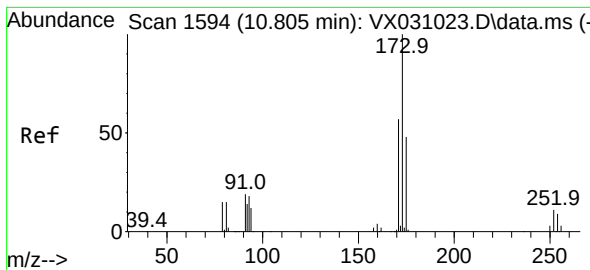
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#70
Styrene
Concen: 20.950 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion:104 Resp: 158515
Ion Ratio Lower Upper
104 100
78 51.3 37.8 56.8
103 55.8 44.5 66.7





#71

Bromoform

Concen: 21.191 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 40159

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.2

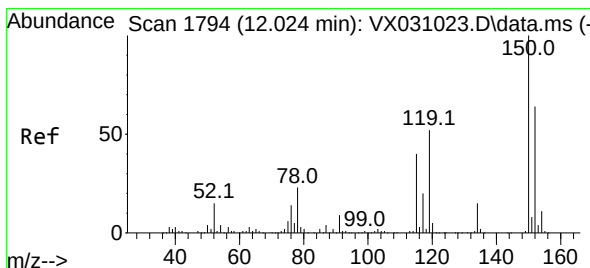
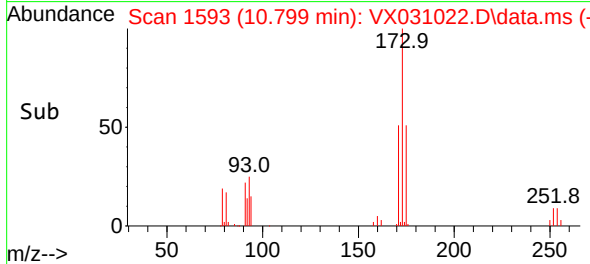
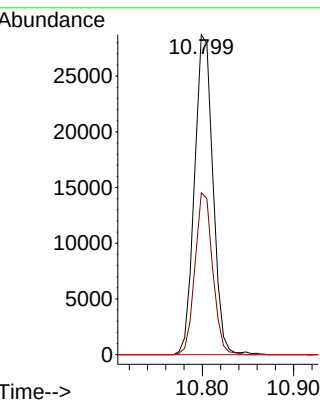
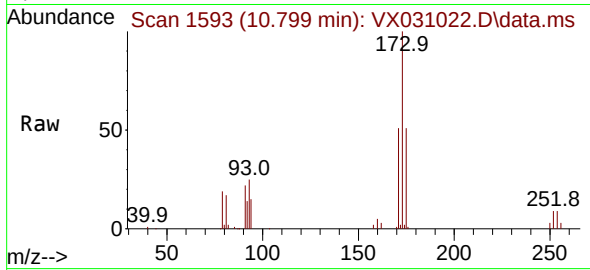
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

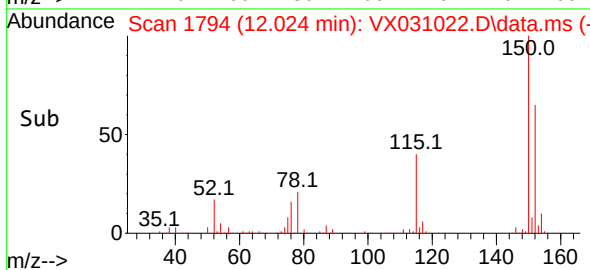
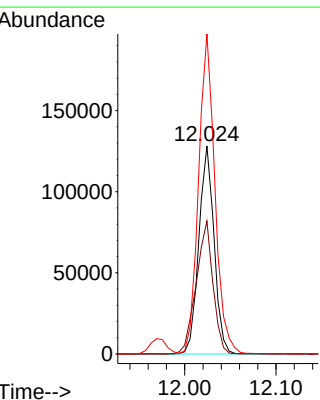
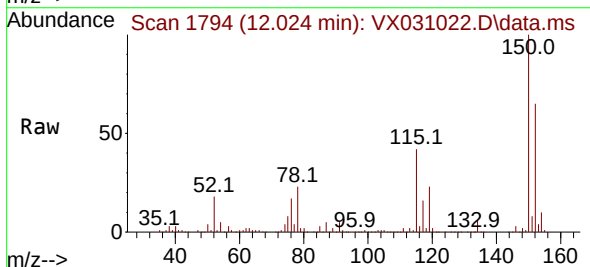
Tgt Ion:152 Resp: 148331

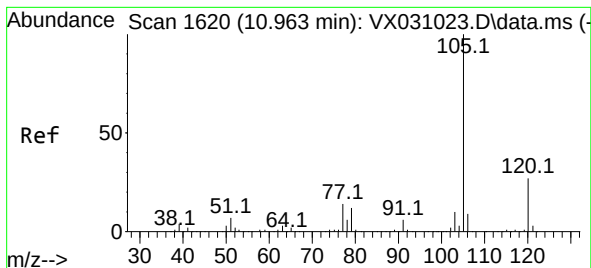
Ion Ratio Lower Upper

152 100

115 70.5 40.5 121.5

150 165.2 0.0 347.0





#73

Isopropylbenzene

Concen: 21.392 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 251038

Ion Ratio Lower Upper

105 100

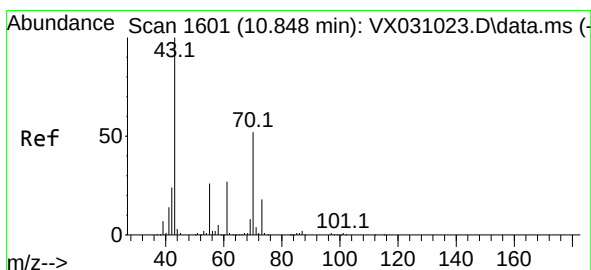
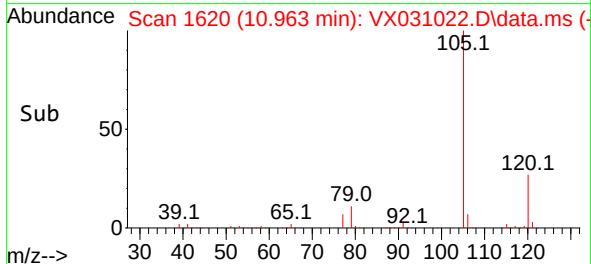
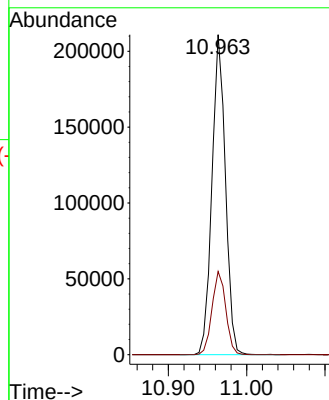
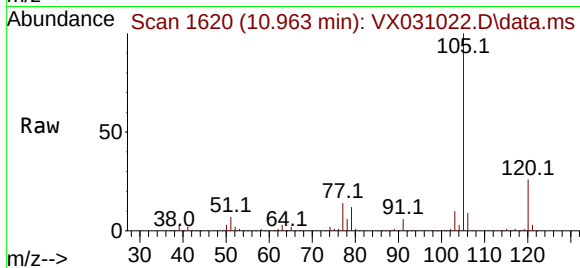
120 26.5 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#74

N-ethyl acetate

Concen: 16.642 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. -0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Tgt Ion: 43 Resp: 75504

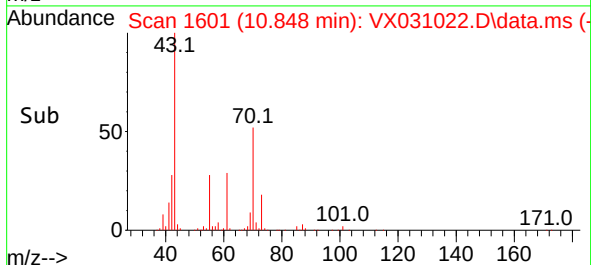
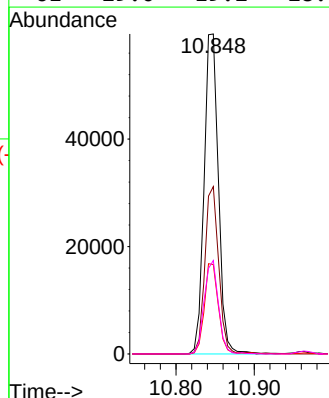
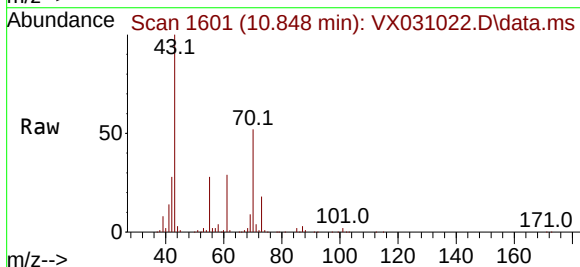
Ion Ratio Lower Upper

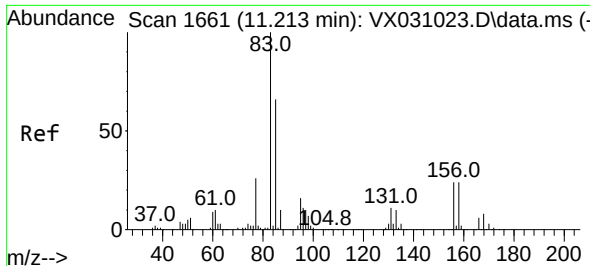
43 100

70 50.6 32.3 48.5#

55 27.7 18.4 27.6#

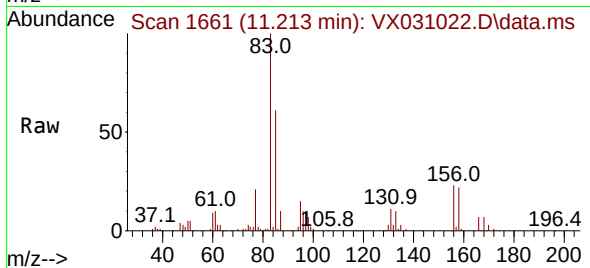
61 29.0 19.2 28.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.931 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

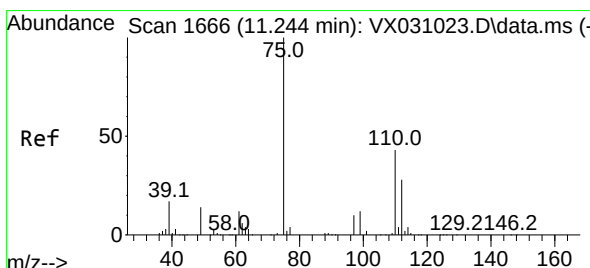
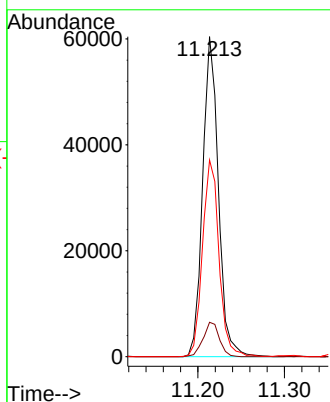
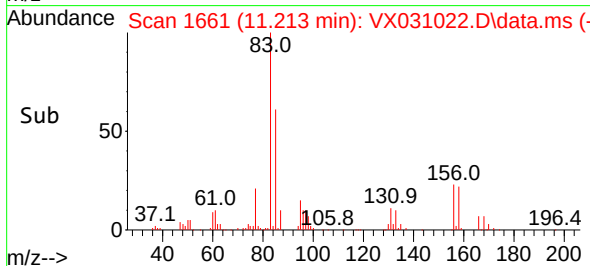
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



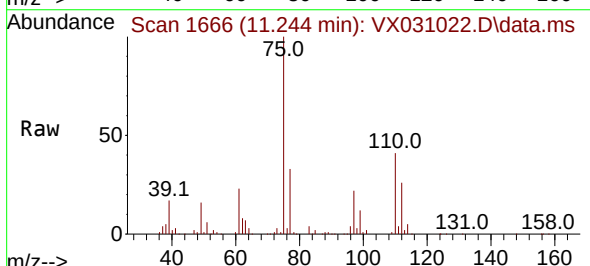
Tgt Ion: 83 Resp: 7611
Ion Ratio Lower Upper
83 100
131 11.1 4.5 13.7
85 64.8 32.5 97.5

Manual Integrations
APPROVED

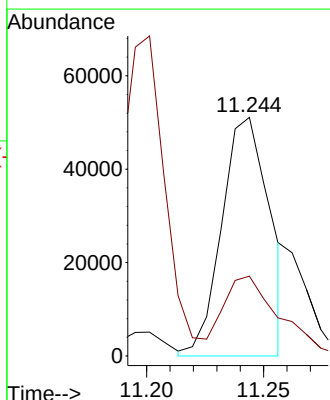
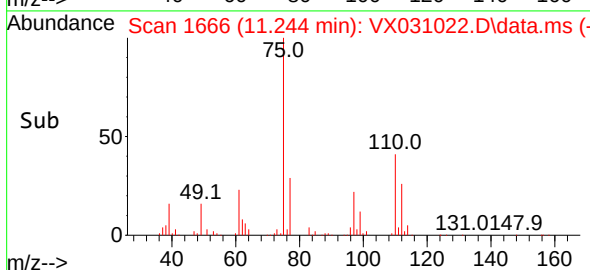
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

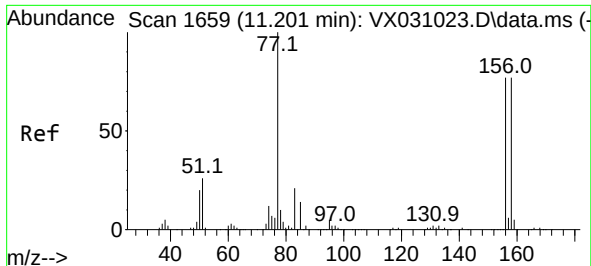


#76
1,2,3-Trichloropropane
Concen: 19.891 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



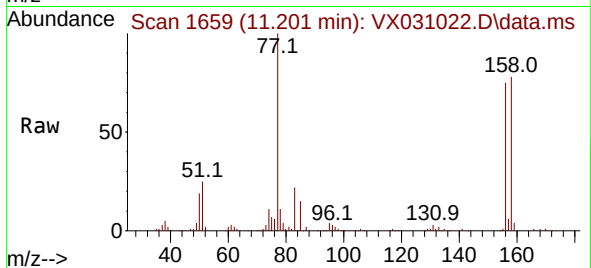
Tgt Ion: 75 Resp: 72637
Ion Ratio Lower Upper
75 100
77 39.1 19.8 59.3





#77
Bromobenzene
Concen: 22.284 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

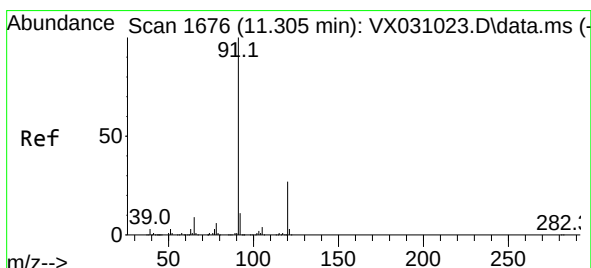
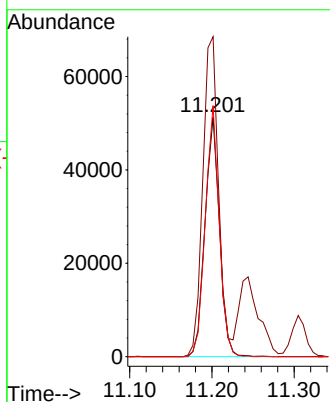
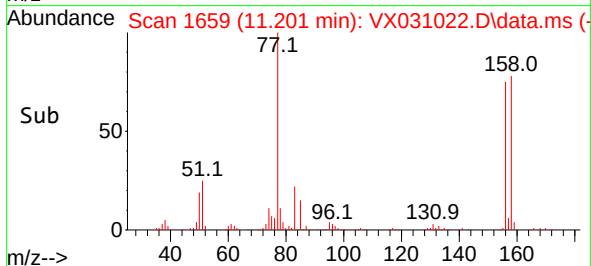
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



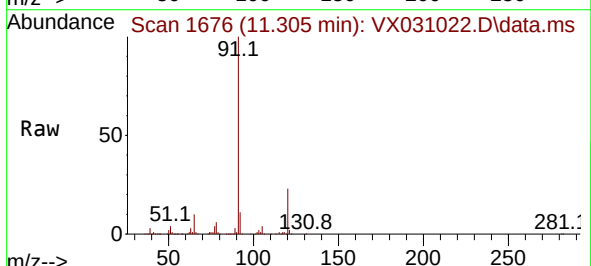
Tgt Ion:156 Resp: 63370
Ion Ratio Lower Upper
156 100
77 143.7 82.7 247.9
158 99.9 47.5 142.5

Manual Integrations
APPROVED

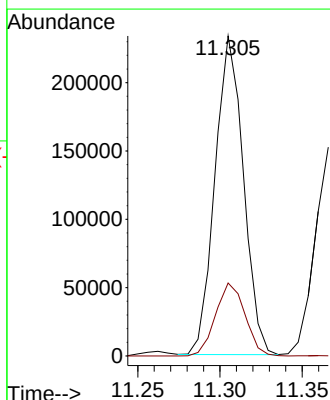
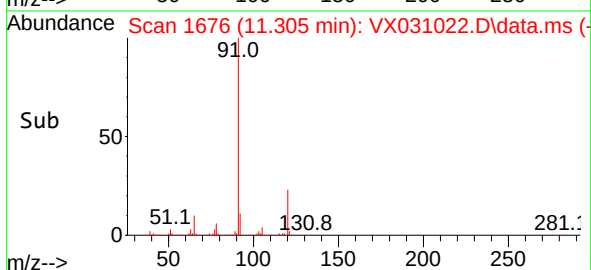
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

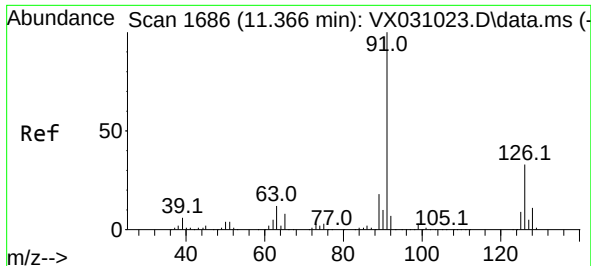


#78
n-propylbenzene
Concen: 20.400 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



Tgt Ion: 91 Resp: 280556
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.500 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031022.D

Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 17511

Ion Ratio Lower Upper

91 100

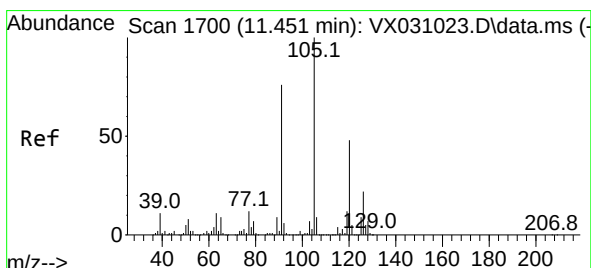
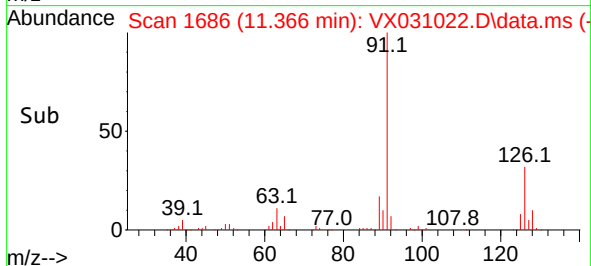
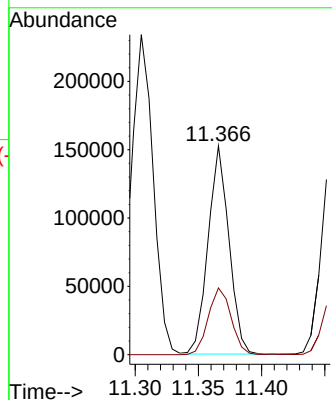
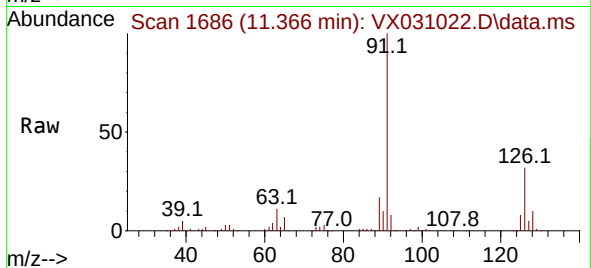
126 34.9 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.432 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX031022.D

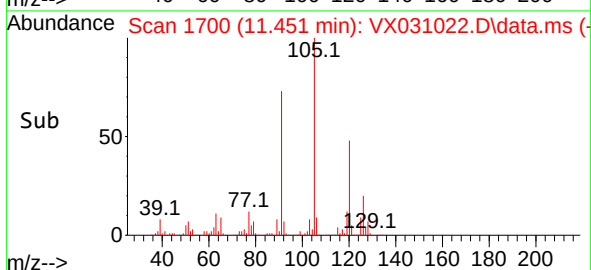
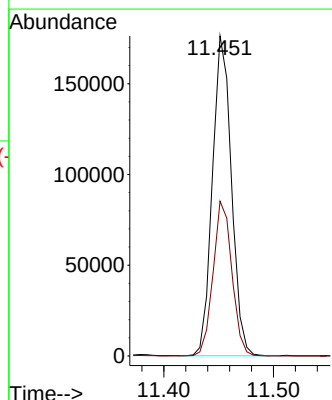
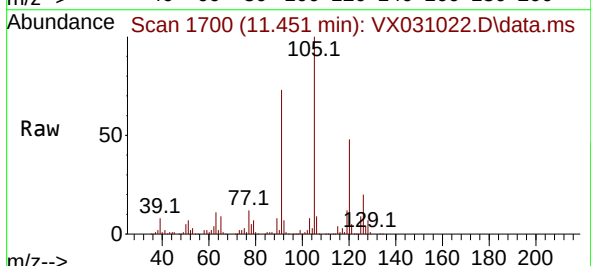
Acq: 01 Sep 2022 12:10

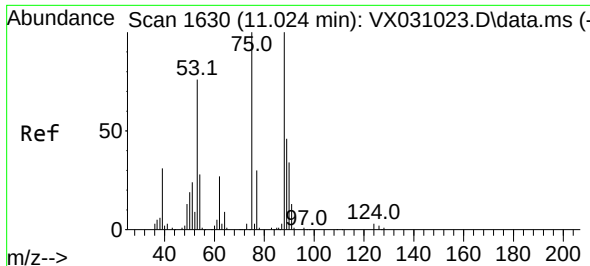
Tgt Ion:105 Resp: 211927

Ion Ratio Lower Upper

105 100

120 48.0 24.4 73.2





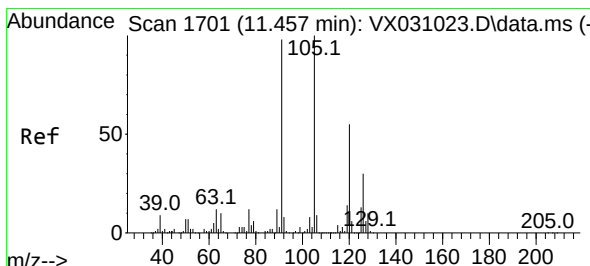
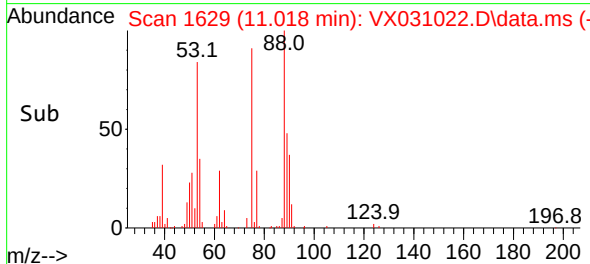
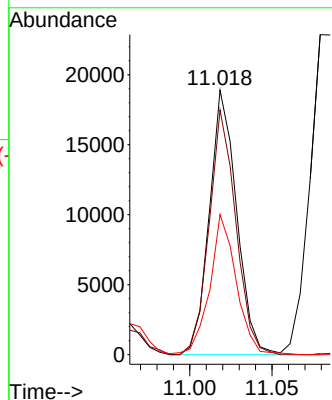
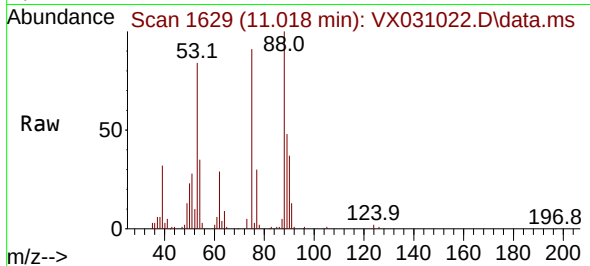
#81
trans-1,4-Dichloro-2-butene
Concen: 17.743 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 2179
Ion Ratio Lower Upper
75 100
53 90.6 74.2 111.4
89 51.6 34.8 52.2

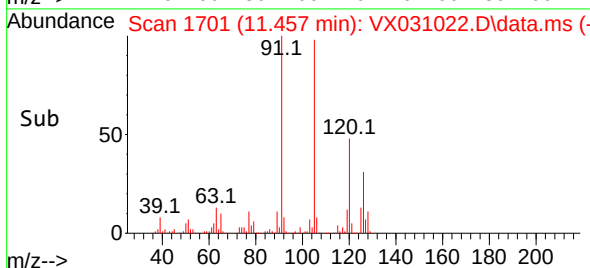
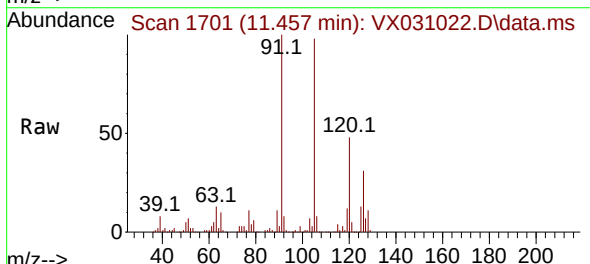
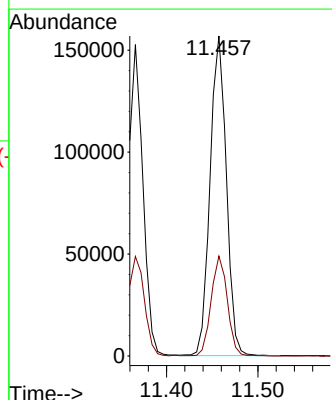
Manual Integrations
APPROVED

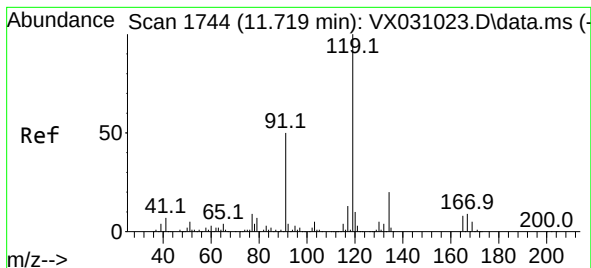
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#82
4-Chlorotoluene
Concen: 20.275 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

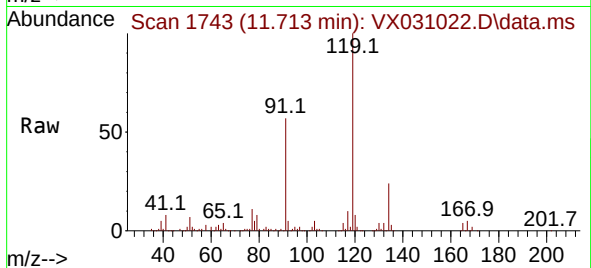
Tgt Ion: 91 Resp: 193612
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.9





#83
tert-Butylbenzene
Concen: 21.860 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

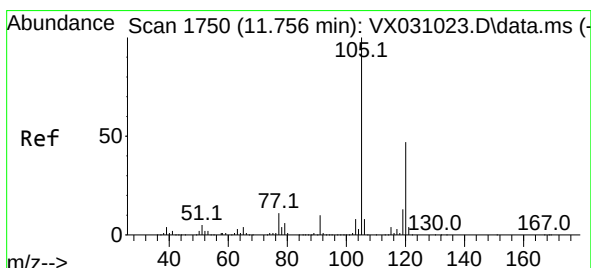
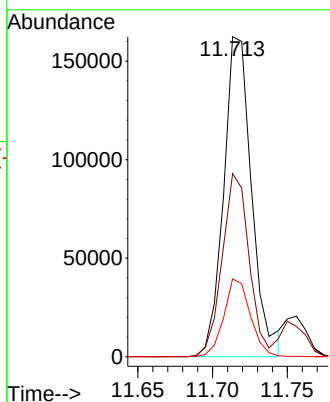
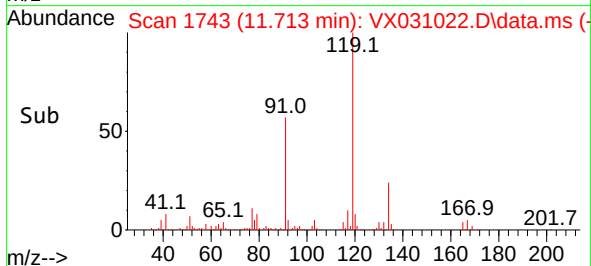
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:119 Resp: 212190
Ion Ratio Lower Upper
119 100
91 54.8 28.3 84.9
134 23.0 11.2 33.5

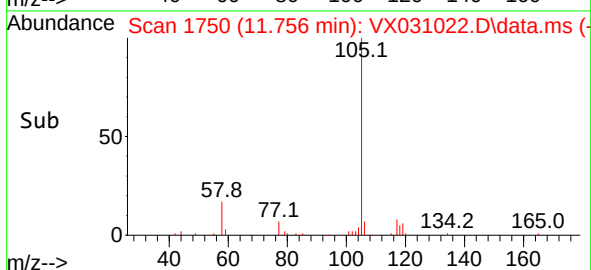
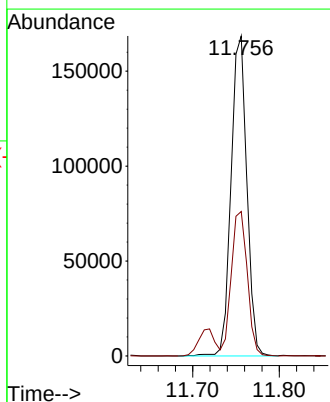
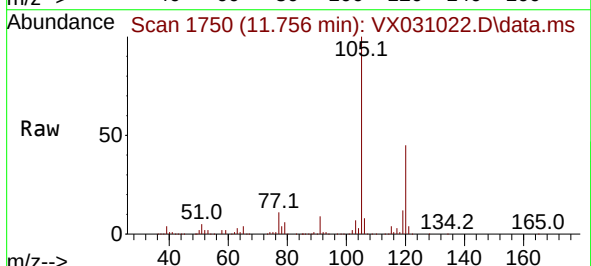
Manual Integrations
APPROVED

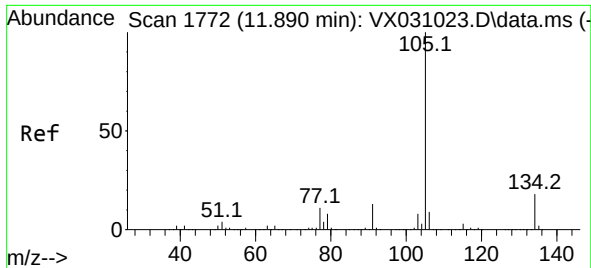
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.057 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

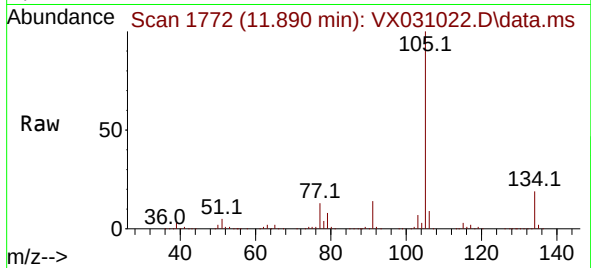
Tgt Ion:105 Resp: 213158
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 22.525 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX031022.D
 Acq: 01 Sep 2022 12:10

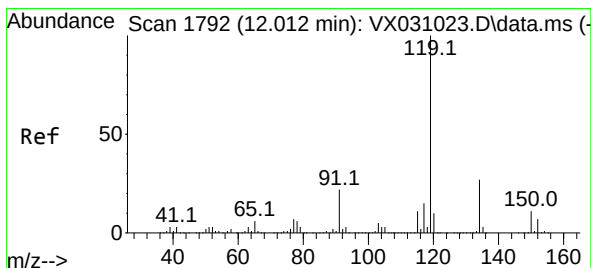
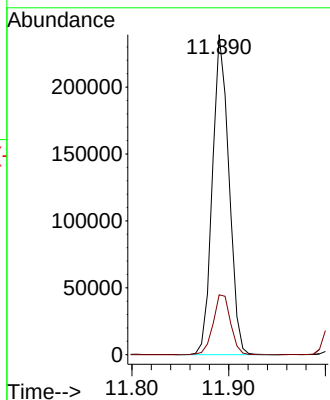
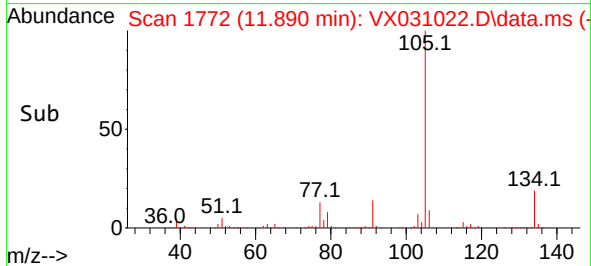
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



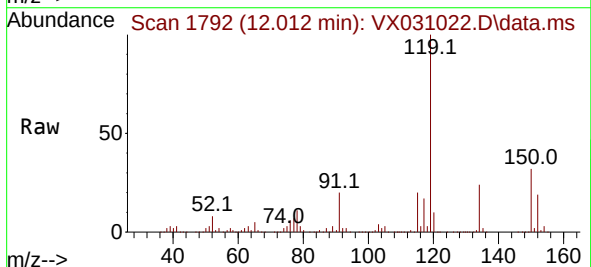
Tgt Ion:105 Resp: 283790
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

Manual Integrations
 APPROVED

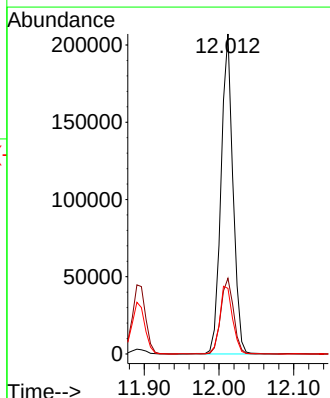
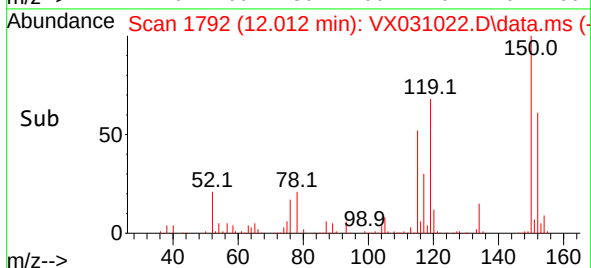
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

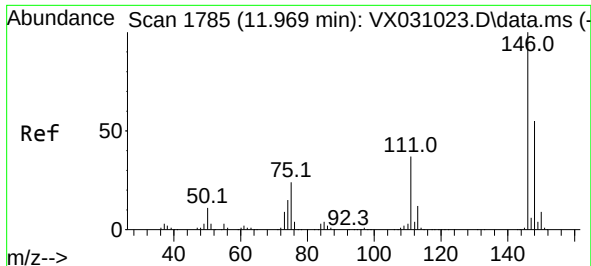


#86
 p-Isopropyltoluene
 Concen: 22.091 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031022.D
 Acq: 01 Sep 2022 12:10



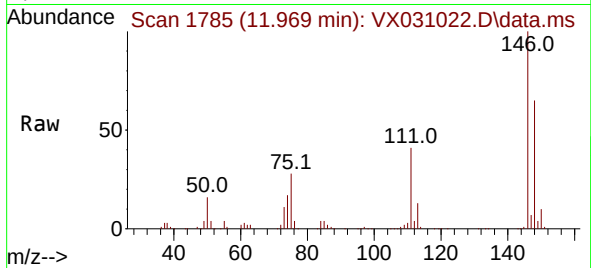
Tgt Ion:119 Resp: 230897
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.9 41.6
 91 22.9 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 21.500 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

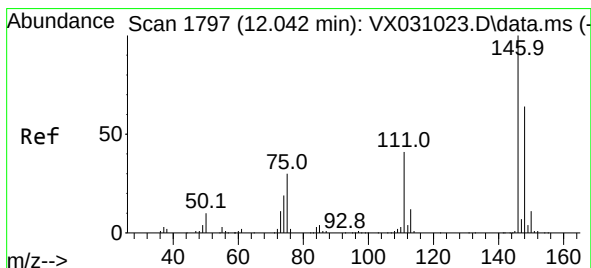
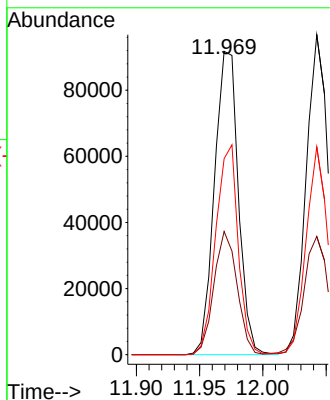
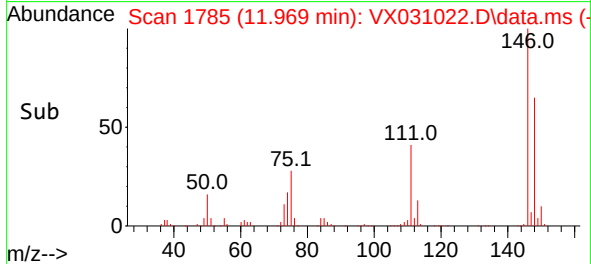
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



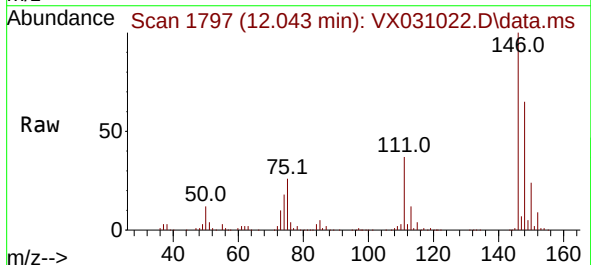
Tgt Ion:146 Resp: 120548
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.8
148 65.0 31.8 95.3

Manual Integrations
APPROVED

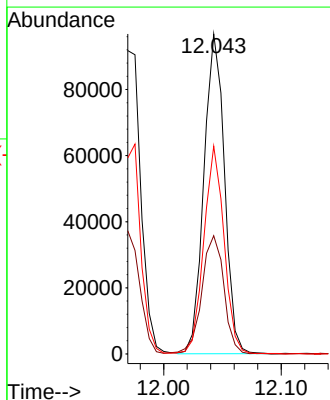
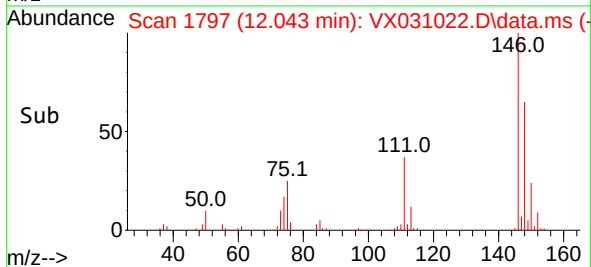
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

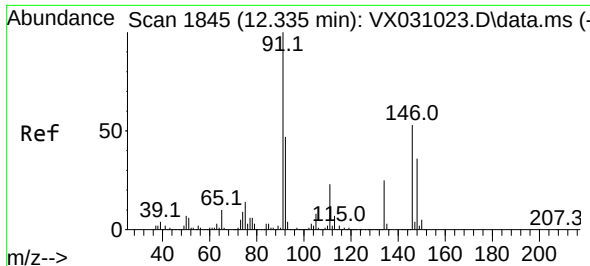


#88
1,4-Dichlorobenzene
Concen: 20.435 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10



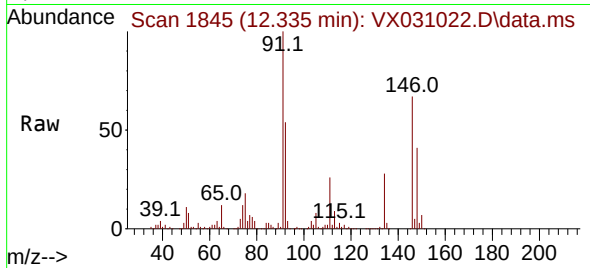
Tgt Ion:146 Resp: 117479
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 64.2 32.3 96.8





#89
n-Butylbenzene
Concen: 19.721 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

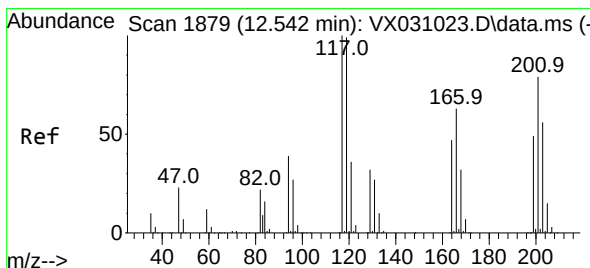
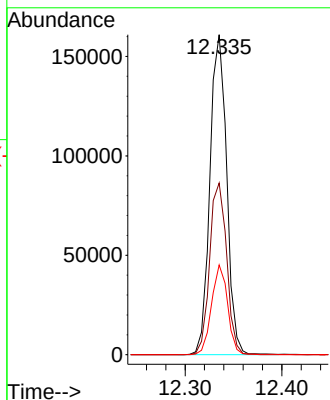
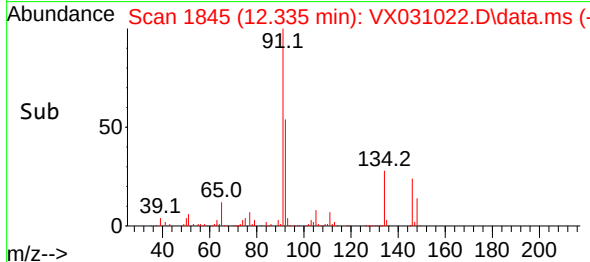
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 192924
Ion Ratio Lower Upper
91 100
92 54.8 26.2 78.5
134 26.9 12.6 37.8

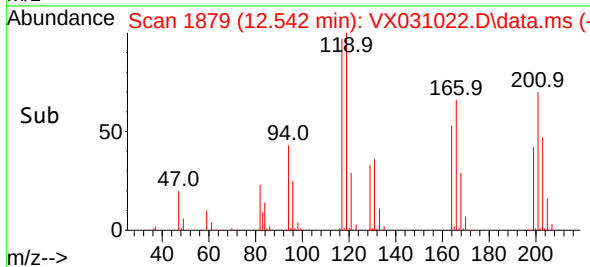
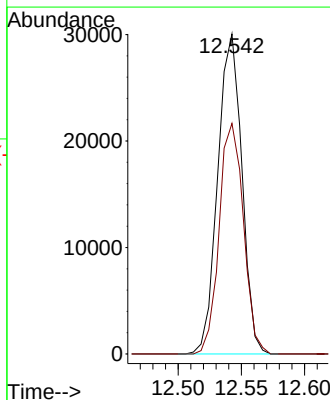
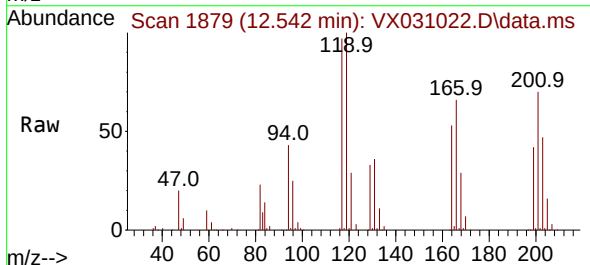
Manual Integrations
APPROVED

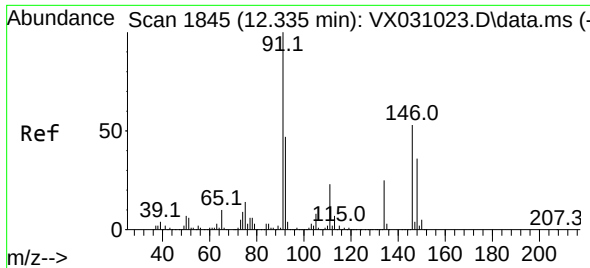
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#90
Hexachloroethane
Concen: 21.698 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion:117 Resp: 39817
Ion Ratio Lower Upper
117 100
201 72.4 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 22.725 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

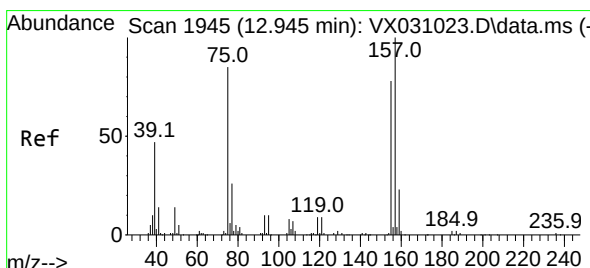
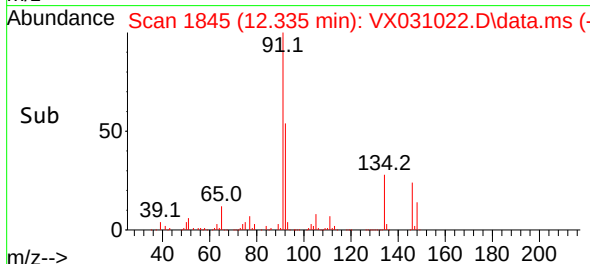
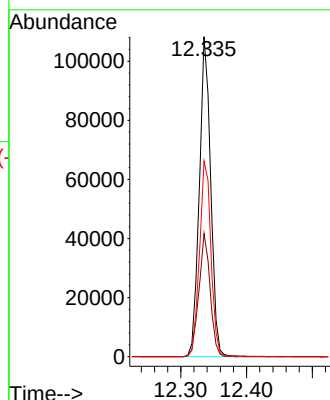
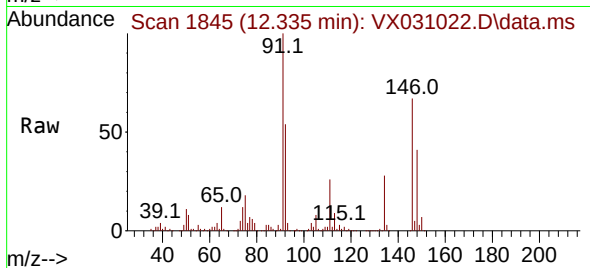
Tgt Ion:146 Resp: 12924
Ion Ratio Lower Upper
146 100
111 38.3 20.7 62.1
148 61.8 32.0 96.2

Manual Integrations

APPROVED

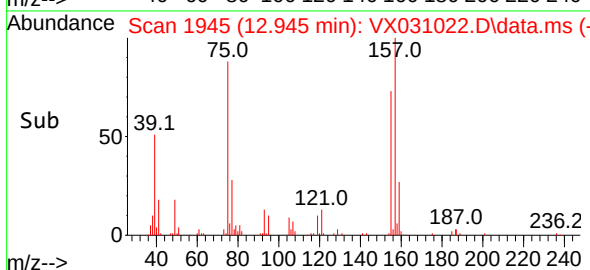
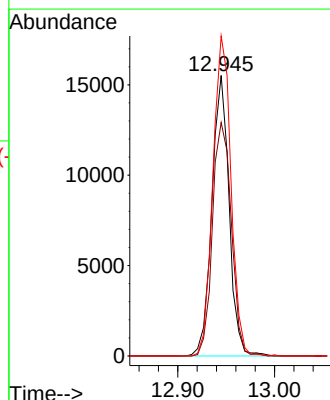
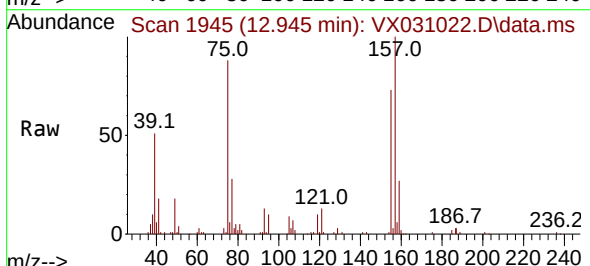
Reviewed By :John Carlone 09/02/2022

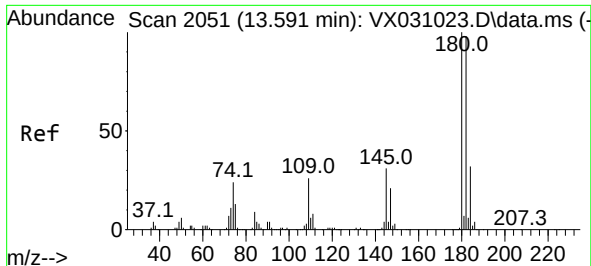
Supervised By :Mahesh Dadoda 09/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.046 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion: 75 Resp: 19101
Ion Ratio Lower Upper
75 100
155 91.3 45.0 134.8
157 120.3 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 21.681 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

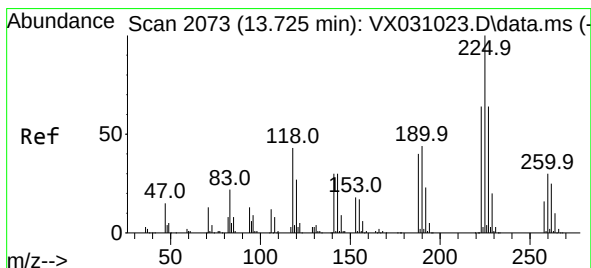
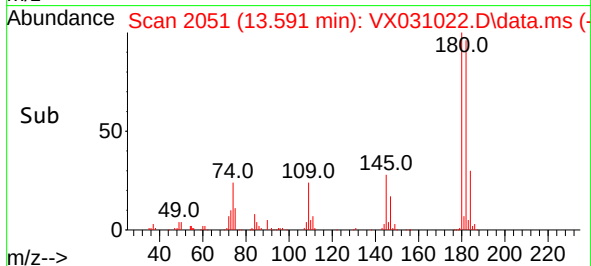
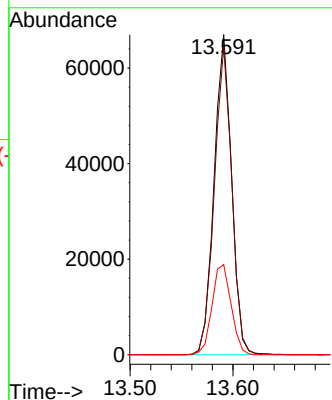
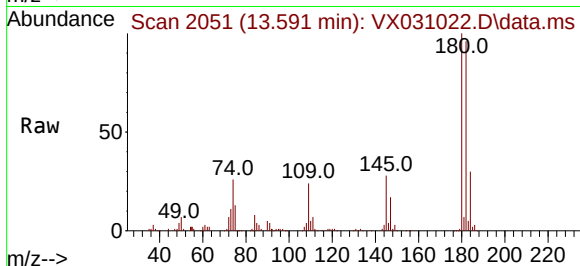
VSTDICC020

Tgt Ion:180 Resp: 7882
Ion Ratio Lower Upper
180 100
182 96.6 48.2 144.6
145 30.7 15.9 47.6

Manual Integrations

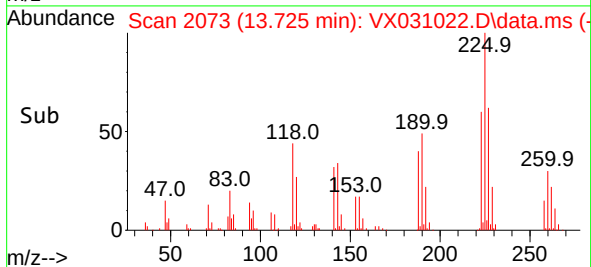
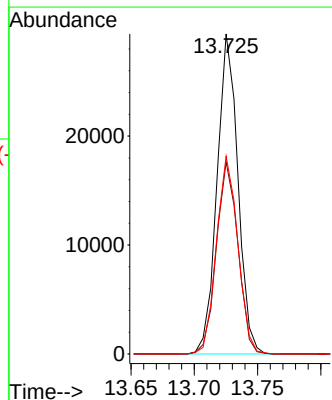
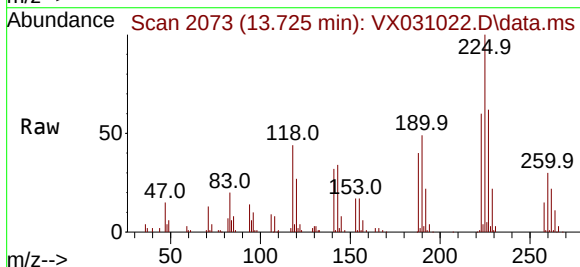
APPROVED

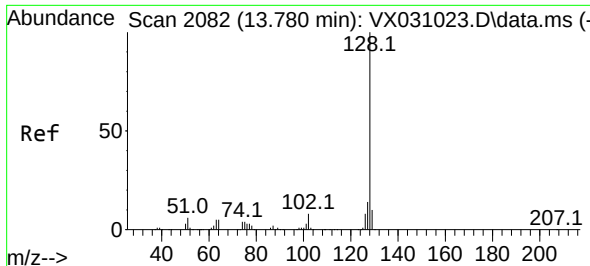
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#94
Hexachlorobutadiene
Concen: 21.736 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

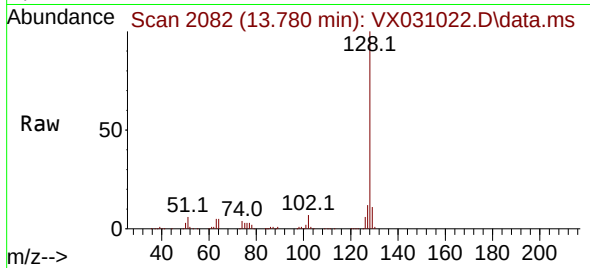
Tgt Ion:225 Resp: 33559
Ion Ratio Lower Upper
225 100
223 61.8 30.6 91.6
227 63.6 31.9 95.9





#95
Naphthalene
Concen: 21.265 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

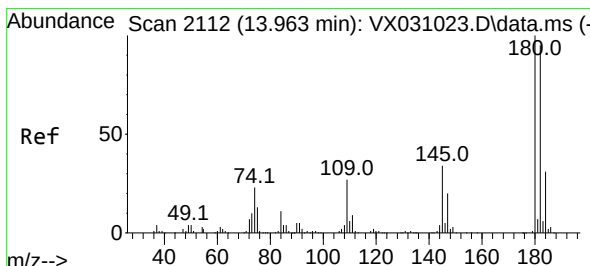
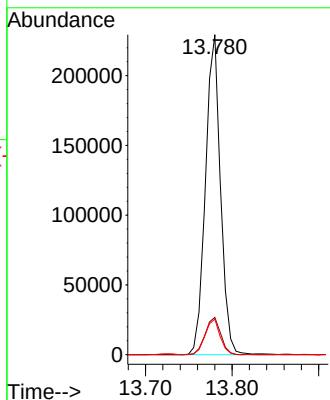
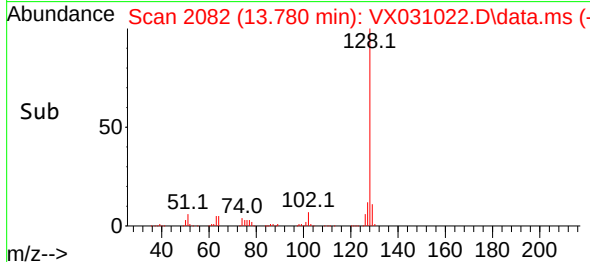
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 276509
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.754 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031022.D
Acq: 01 Sep 2022 12:10

Tgt Ion:180 Resp: 83525
Ion Ratio Lower Upper
180 100
182 87.5 47.0 141.0
145 31.2 17.0 50.9

