

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033612.D
 Acq On : 04 Jan 2023 11:49
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 04:15:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:12:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	176990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39164	19.602	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.200%#		
35) Dibromofluoromethane	5.385	113	32170	18.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.660%#		
50) Toluene-d8	8.647	98	116182	19.023	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.040%#		
62) 4-Bromofluorobenzene	11.079	95	42824	19.782	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32073	22.712	ug/l	99
3) Chloromethane	1.301	50	36319	20.217	ug/l	97
4) Vinyl Chloride	1.374	62	35338	22.178	ug/l	97
5) Bromomethane	1.618	94	17995	20.196	ug/l	92
6) Chloroethane	1.691	64	18693	20.360	ug/l	98
7) Trichlorofluoromethane	1.892	101	42601	18.898	ug/l	97
8) Diethyl Ether	2.136	74	13527	19.080	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	21193	17.778	ug/l	99
10) Methyl Iodide	2.453	142	29119	14.158	ug/l	96
11) Tert butyl alcohol	3.020	59	32937	100.545	ug/l	96
12) 1,1-Dichloroethene	2.319	96	19813	17.842	ug/l	94
13) Acrolein	2.239	56	18850	87.137	ug/l	100
14) Allyl chloride	2.666	41	55225	20.000	ug/l	99
15) Acrylonitrile	3.069	53	89511	100.824	ug/l	99
16) Acetone	2.398	43	58143	75.468	ug/l	99
17) Carbon Disulfide	2.514	76	50198	13.760	ug/l	99
18) Methyl Acetate	2.709	43	55506	20.043	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	103151	19.849	ug/l	100
20) Methylene Chloride	2.788	84	35536	17.794	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	32687	20.015	ug/l	99
22) Diisopropyl ether	3.757	45	113819	20.458	ug/l	91
23) Vinyl Acetate	3.721	43	434649	101.740	ug/l	99
24) 1,1-Dichloroethane	3.611	63	60190	19.996	ug/l	98
25) 2-Butanone	4.568	43	131906	101.173	ug/l	99
26) 2,2-Dichloropropane	4.471	77	40177	19.306	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	37979	20.051	ug/l	99
28) Bromochloromethane	4.904	49	21899	17.909	ug/l	97
29) Tetrahydrofuran	5.013	42	82484	99.688	ug/l	98
30) Chloroform	5.093	83	62233	20.237	ug/l	96
31) Cyclohexane	5.471	56	55843	20.078	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	53701	20.196	ug/l	99
36) 1,1-Dichloropropene	5.696	75	45907	19.834	ug/l	99
37) Ethyl Acetate	4.721	43	51263	17.968	ug/l	99
38) Carbon Tetrachloride	5.678	117	48337	19.734	ug/l	95
39) Methylcyclohexane	7.379	83	56134	19.424	ug/l	99
40) Benzene	6.037	78	133770	19.774	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033612.D
 Acq On : 04 Jan 2023 11:49
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 04:15:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:12:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29116	20.704	ug/l	99
42) 1,2-Dichloroethane	6.086	62	51040	20.240	ug/l	100
43) Isopropyl Acetate	6.342	43	76704	19.383	ug/l	99
44) Trichloroethene	7.129	130	37216	19.279	ug/l	98
45) 1,2-Dichloropropane	7.427	63	34079	19.556	ug/l	100
46) Dibromomethane	7.580	93	24521	20.098	ug/l	99
47) Bromodichloromethane	7.824	83	47478	20.087	ug/l	97
48) Methyl methacrylate	7.690	41	39716	19.827	ug/l	99
49) 1,4-Dioxane	7.714	88	17163	402.822	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	258492	103.204	ug/l	99
52) Toluene	8.720	92	87989	19.783	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	46119	19.547	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	52249	19.970	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	34774	19.961	ug/l	97
56) Ethyl methacrylate	9.116	69	51755	19.900	ug/l	97
57) 1,3-Dichloropropane	9.305	76	59538	19.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	135255	102.238	ug/l	100
59) 2-Hexanone	9.433	43	192587	104.087	ug/l	99
60) Dibromochloromethane	9.519	129	38022	19.953	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37361	20.276	ug/l	100
64) Tetrachloroethene	9.275	164	34036	19.386	ug/l	99
65) Chlorobenzene	10.079	112	95092	19.478	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	35610	19.513	ug/l	98
67) Ethyl Benzene	10.195	91	168116	19.728	ug/l	98
68) m/p-Xylenes	10.299	106	132573	39.863	ug/l	100
69) o-Xylene	10.640	106	64331	19.510	ug/l	96
70) Styrene	10.653	104	106040	19.576	ug/l	98
71) Bromoform	10.799	173	28377	19.422	ug/l #	99
73) Isopropylbenzene	10.963	105	169602	19.434	ug/l	100
74) N-amyl acetate	10.842	43	68927	19.492	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	52351	19.247	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42625m	18.828	ug/l	
77) Bromobenzene	11.195	156	44863	19.420	ug/l	99
78) n-propylbenzene	11.305	91	193941	19.603	ug/l	99
79) 2-Chlorotoluene	11.366	91	116197	19.555	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	141809	19.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12937	17.344	ug/l	90
82) 4-Chlorotoluene	11.451	91	132262	19.252	ug/l	100
83) tert-Butylbenzene	11.713	119	146500	19.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	142439	19.757	ug/l	98
85) sec-Butylbenzene	11.890	105	175188	19.781	ug/l	99
86) p-Isopropyltoluene	12.006	119	151485	20.017	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	80463	19.352	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	81711	20.090	ug/l	99
89) n-Butylbenzene	12.329	91	123064	19.445	ug/l	99
90) Hexachloroethane	12.536	117	23200	19.002	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	79748	20.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9678	19.135	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	38126	15.948	ug/l	99
94) Hexachlorobutadiene	13.725	225	20494	16.885	ug/l	99
95) Naphthalene	13.774	128	133044	17.936	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36392	15.003	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
Data File : VX033612.D
Acq On : 04 Jan 2023 11:49
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

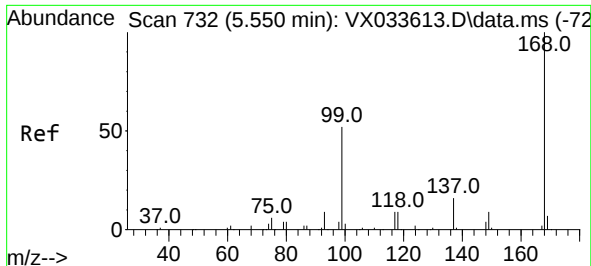
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 04:15:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:12:17 2023
Response via : Initial Calibration

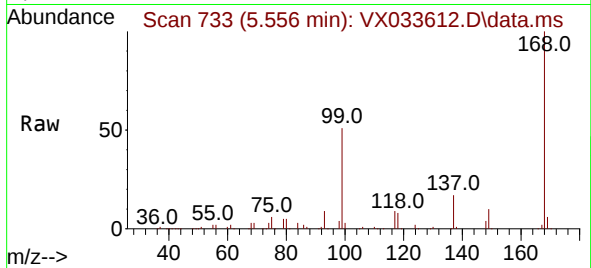
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

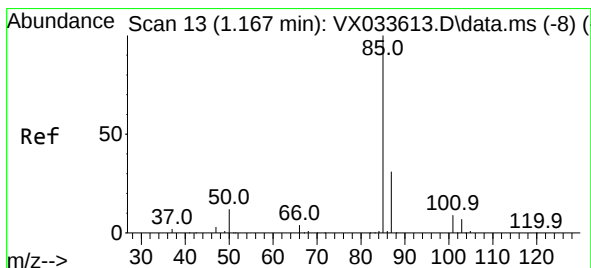
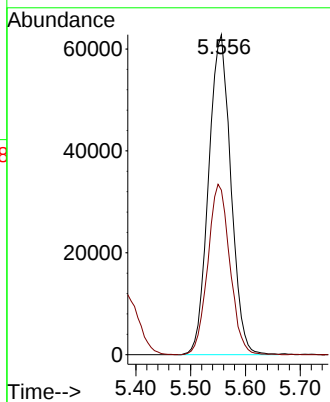
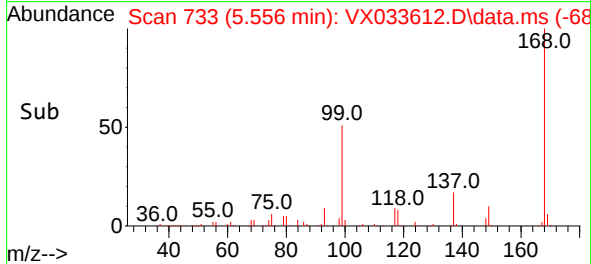
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 176990
Ion Ratio Lower Upper
168 100
99 51.4 41.4 62.2

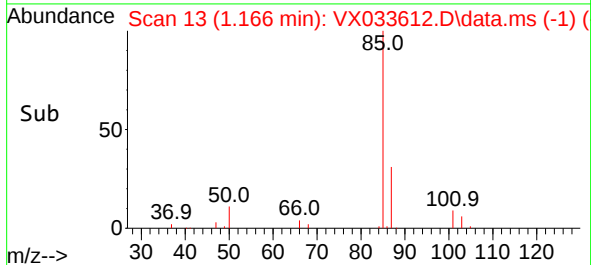
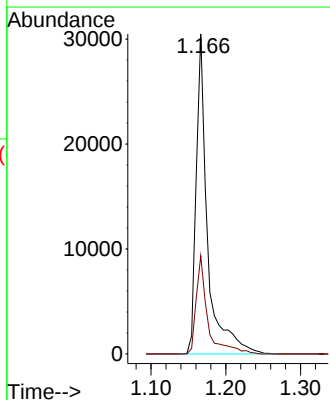
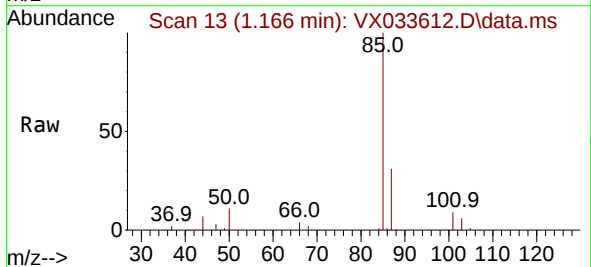
Manual Integrations
APPROVED

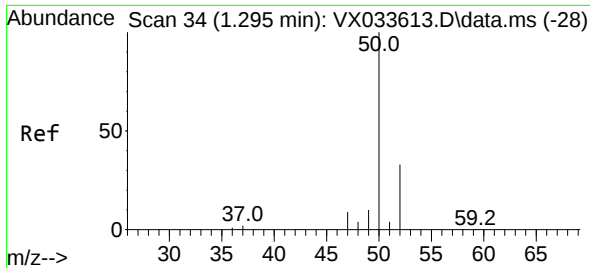
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#2
Dichlorodifluoromethane
Concen: 22.712 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 85 Resp: 32073
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0





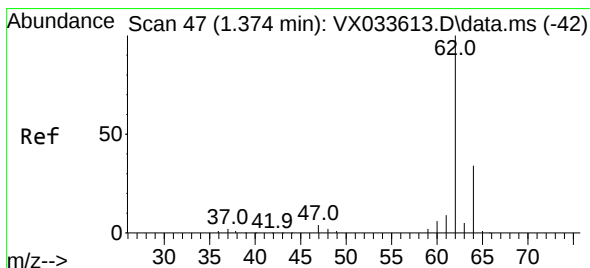
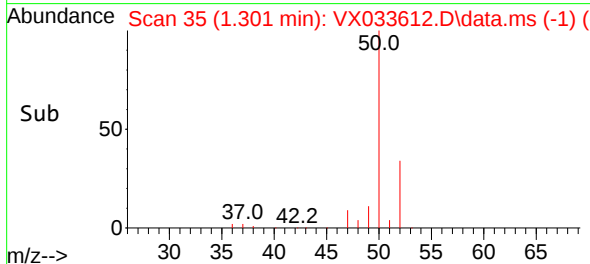
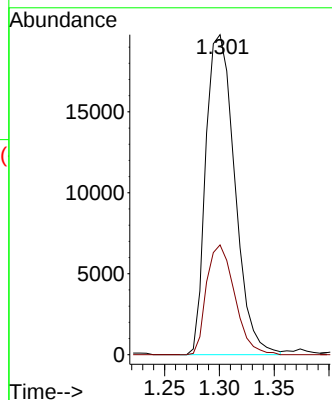
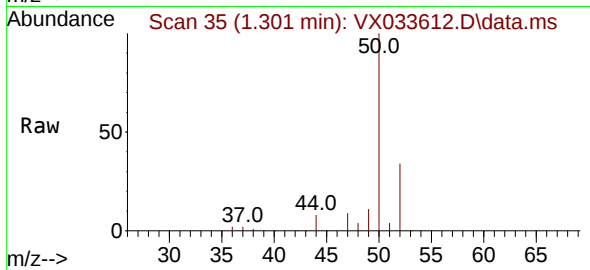
#3
Chloromethane
Concen: 20.217 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 36319
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1

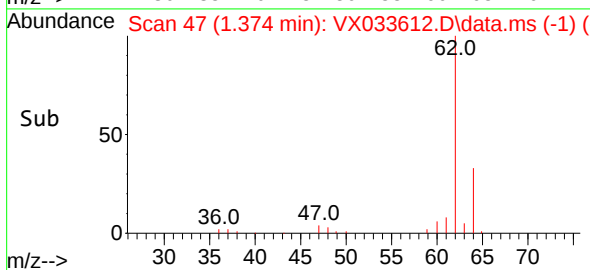
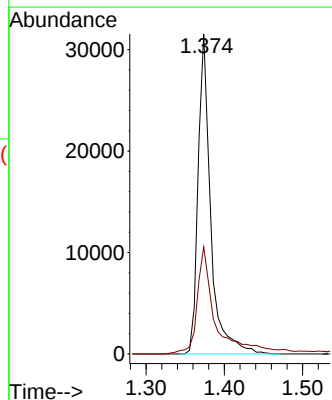
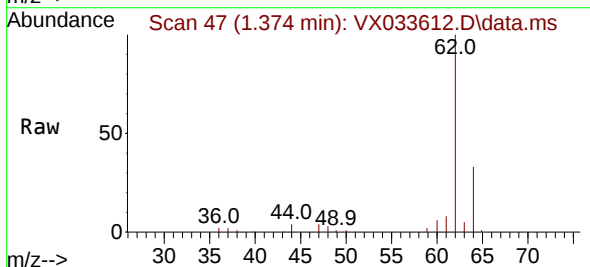
Manual Integrations
APPROVED

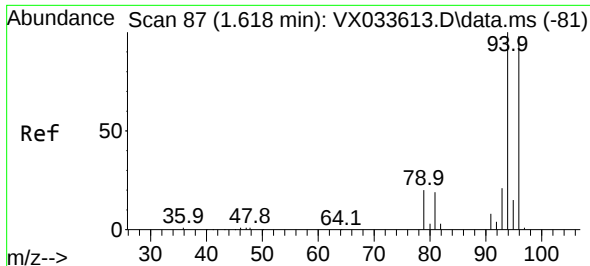
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#4
Vinyl Chloride
Concen: 22.178 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 62 Resp: 35338
Ion Ratio Lower Upper
62 100
64 32.4 27.2 40.8





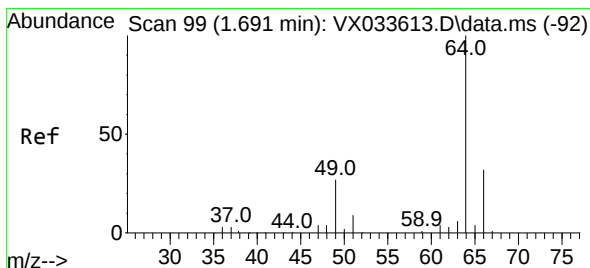
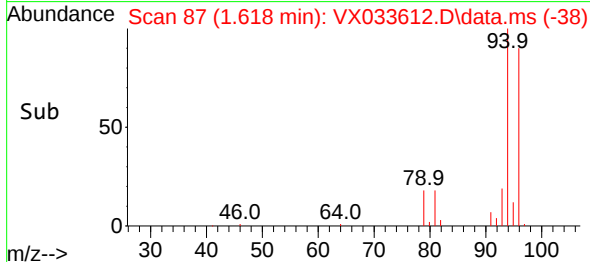
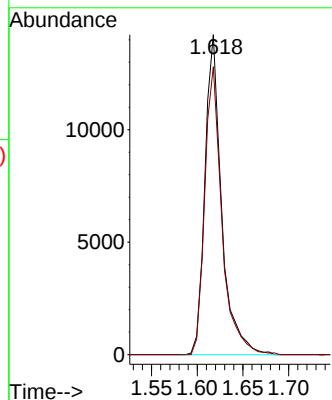
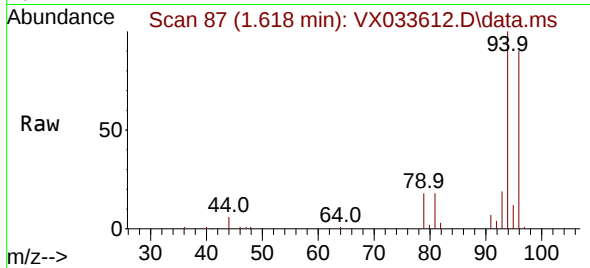
#5
Bromomethane
Concen: 20.196 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 1799
Ion Ratio Lower Upper
94 100
96 90.0 78.0 117.0

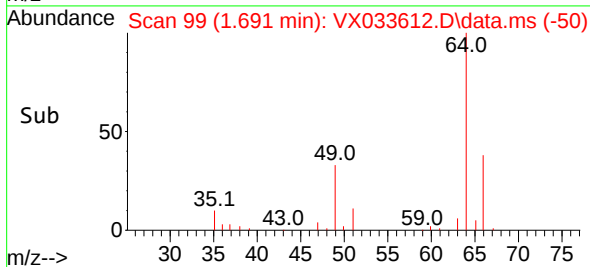
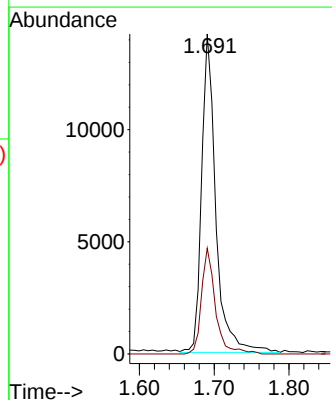
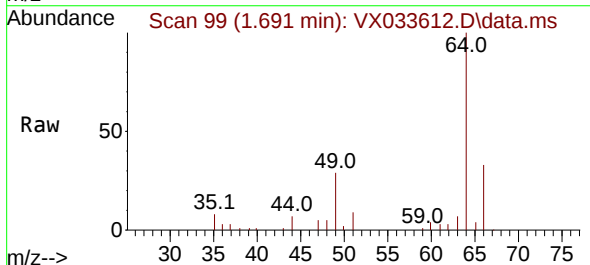
Manual Integrations
APPROVED

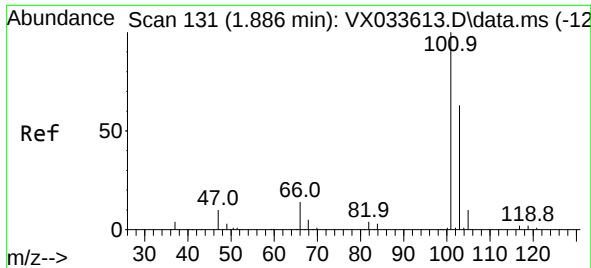
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#6
Chloroethane
Concen: 20.360 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

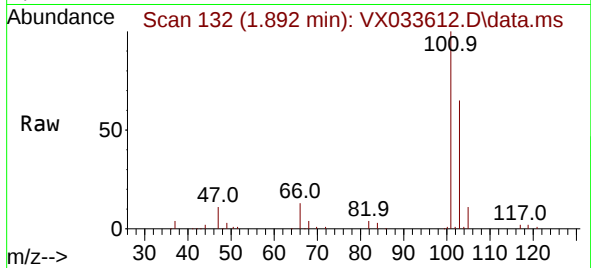
Tgt Ion: 64 Resp: 18693
Ion Ratio Lower Upper
64 100
66 33.2 25.7 38.5





#7
Trichlorofluoromethane
Concen: 18.898 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

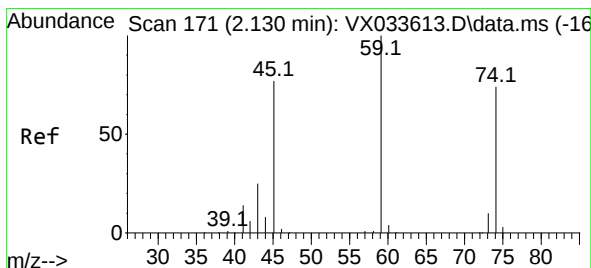
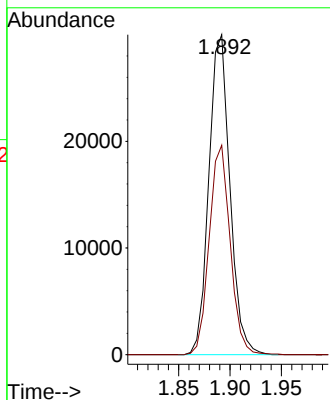
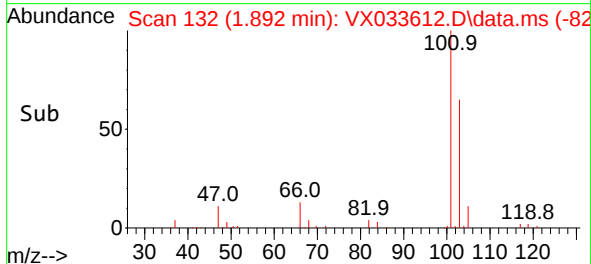
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



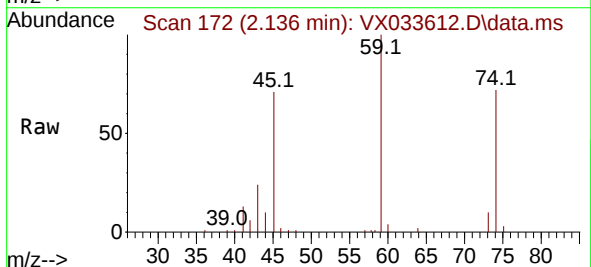
Tgt Ion:101 Resp: 4260
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

Manual Integrations
APPROVED

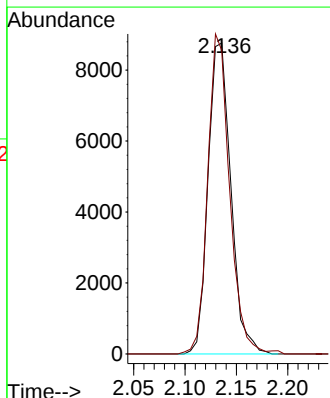
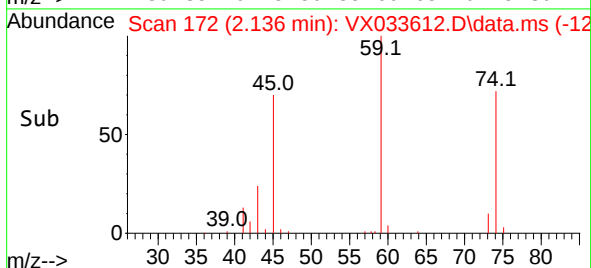
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

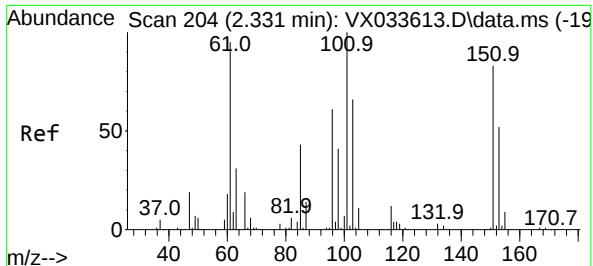


#8
Diethyl Ether
Concen: 19.080 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49



Tgt Ion: 74 Resp: 13527
Ion Ratio Lower Upper
74 100
45 99.1 50.1 150.4





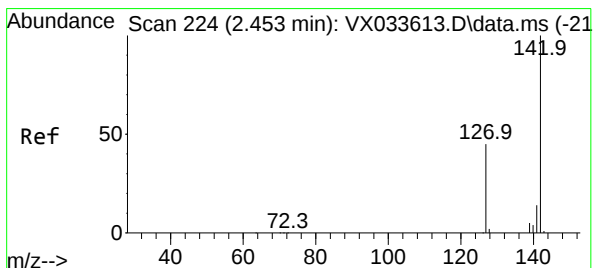
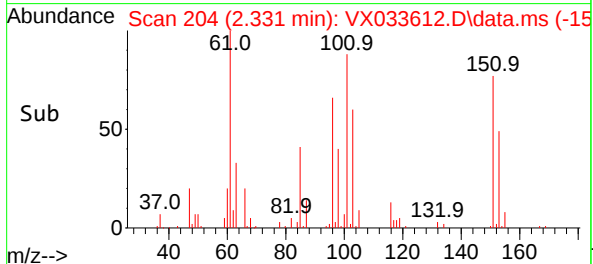
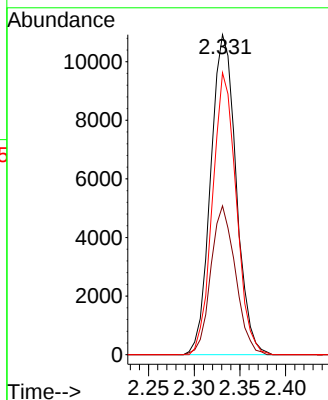
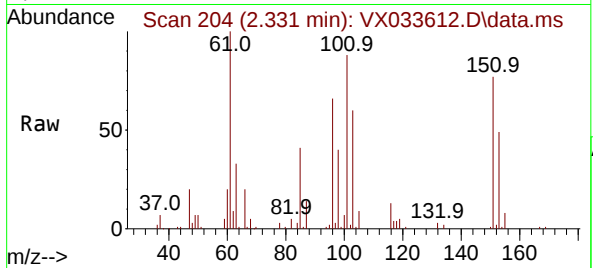
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.778 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2119
Ion Ratio Lower Upper
101 100
85 44.9 35.7 53.5
151 82.3 66.7 100.1

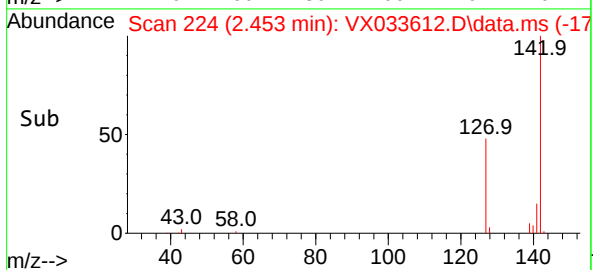
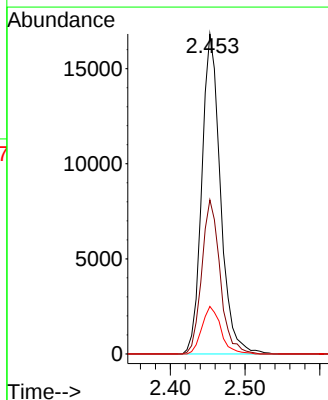
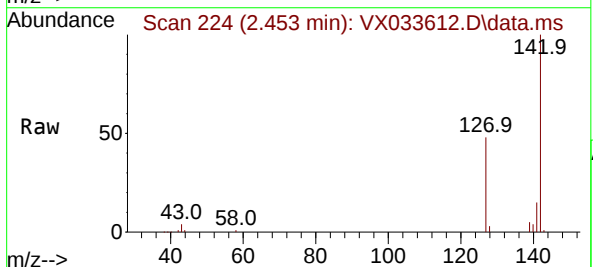
Manual Integrations
APPROVED

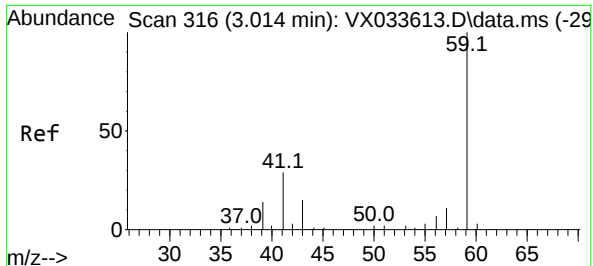
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#10
Methyl Iodide
Concen: 14.158 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

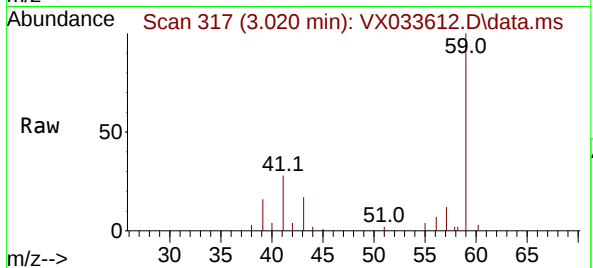
Tgt Ion:142 Resp: 29119
Ion Ratio Lower Upper
142 100
127 47.5 35.7 53.5
141 15.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 100.545 ug/l
RT: 3.020 min Scan# 316
Delta R.T. 0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

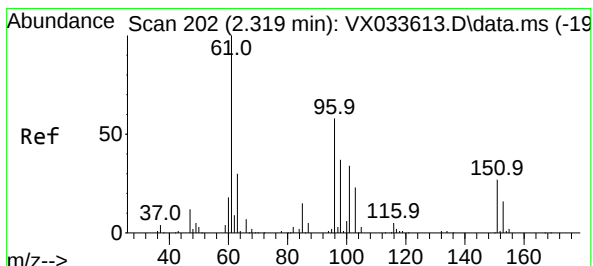
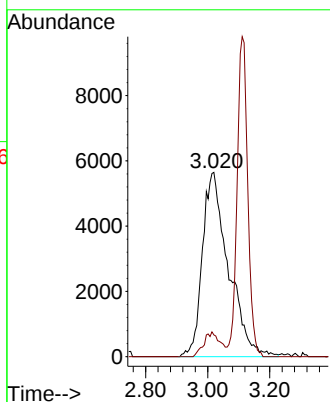
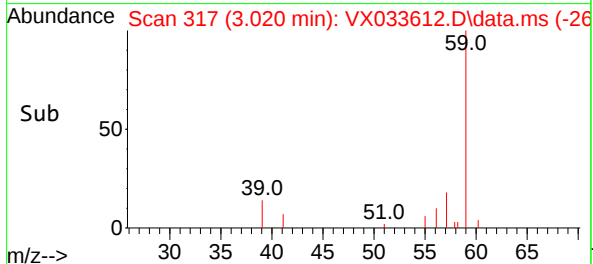
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



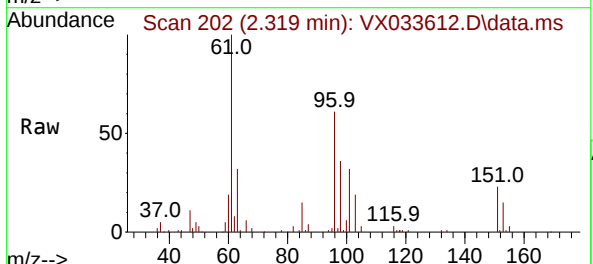
Tgt Ion: 59 Resp: 3293
Ion Ratio Lower Upper
59 100
57 8.3 5.5 8.3

Manual Integrations
APPROVED

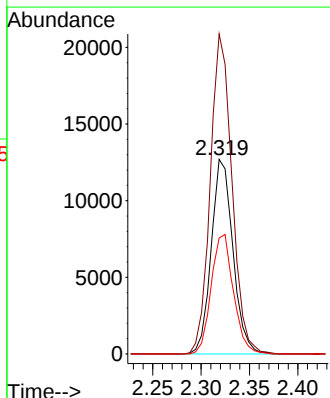
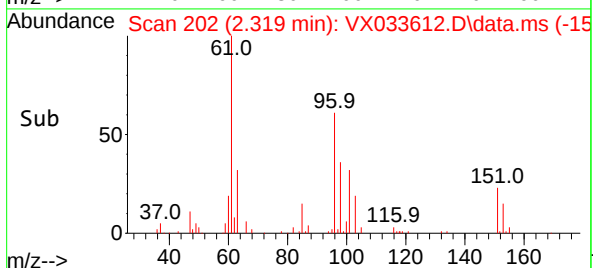
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

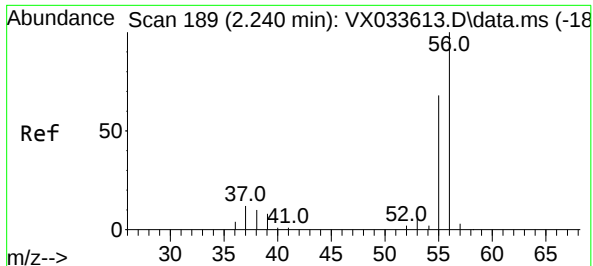


#12
1,1-Dichloroethene
Concen: 17.842 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49



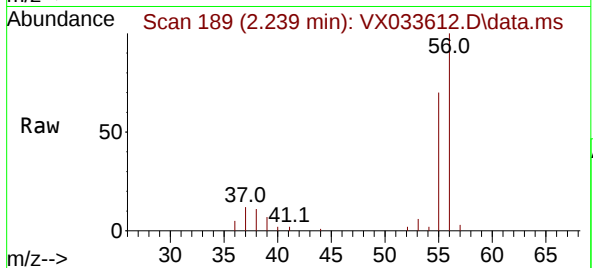
Tgt Ion: 96 Resp: 19813
Ion Ratio Lower Upper
96 100
61 164.5 139.1 208.7
98 59.7 50.8 76.2





#13
Acrolein
Concen: 87.137 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

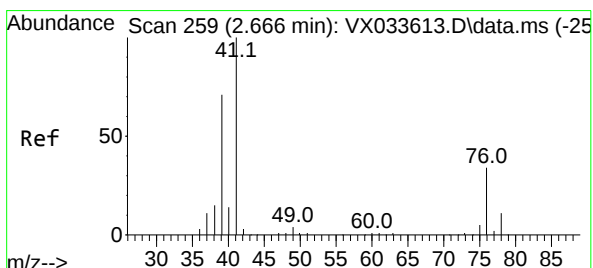
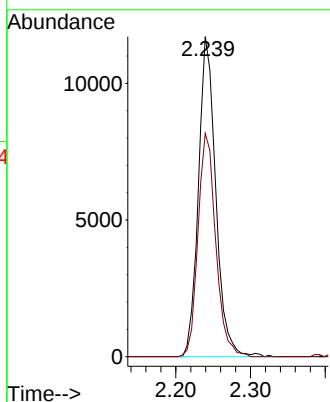
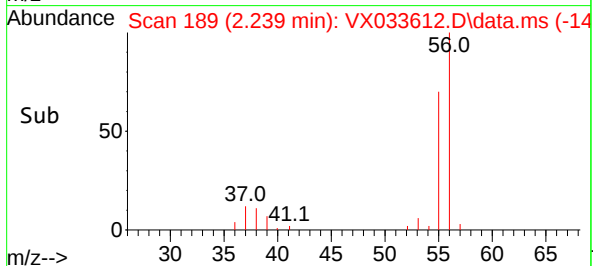
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



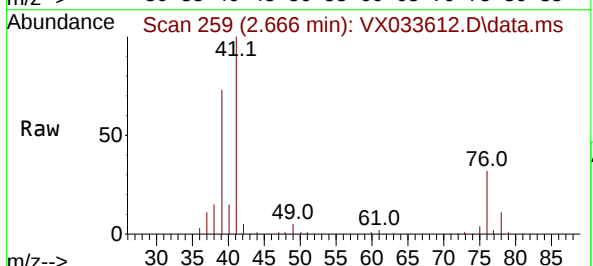
Tgt Ion: 56 Resp: 18850
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

Manual Integrations
APPROVED

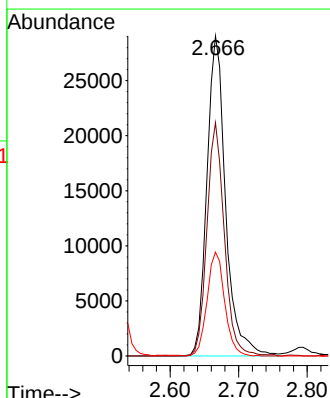
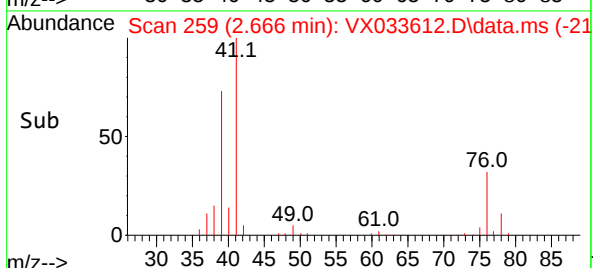
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

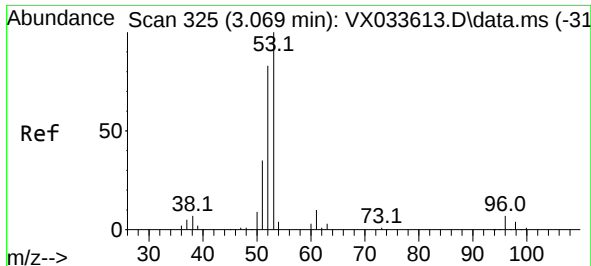


#14
Allyl chloride
Concen: 20.000 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49



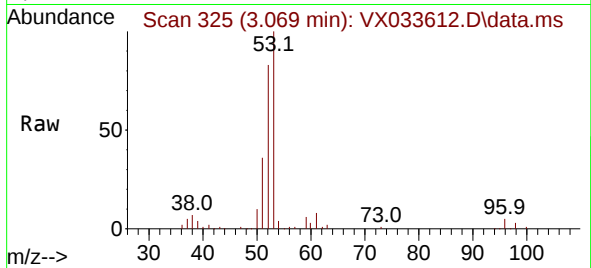
Tgt Ion: 41 Resp: 55225
Ion Ratio Lower Upper
41 100
39 67.9 53.3 79.9
76 30.6 25.0 37.4





#15
Acrylonitrile
Concen: 100.824 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

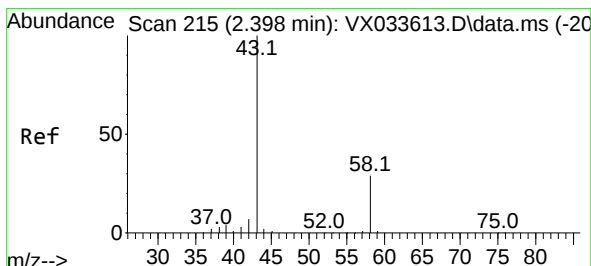
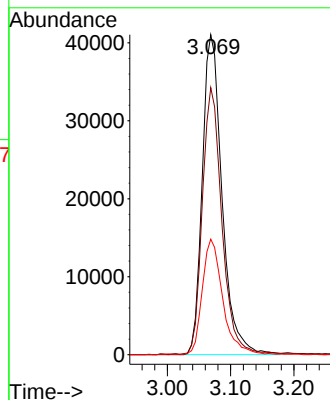
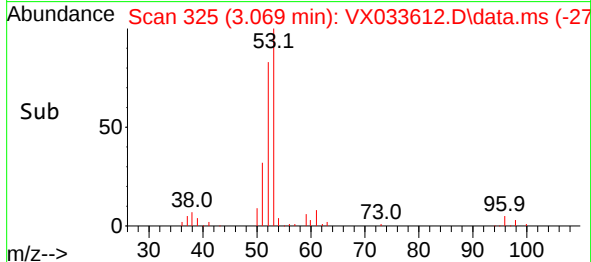
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 8951
Ion Ratio Lower Upper
53 100
52 82.7 66.7 100.1
51 36.8 29.8 44.8

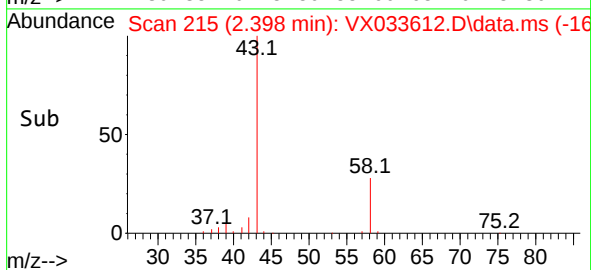
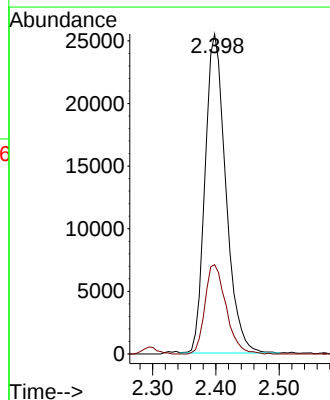
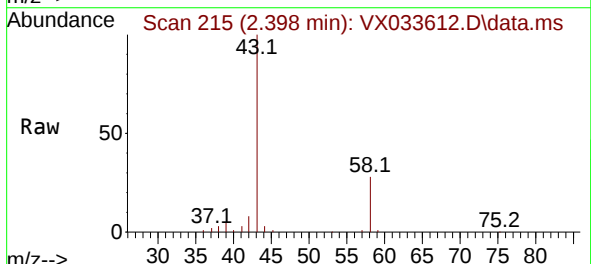
Manual Integrations
APPROVED

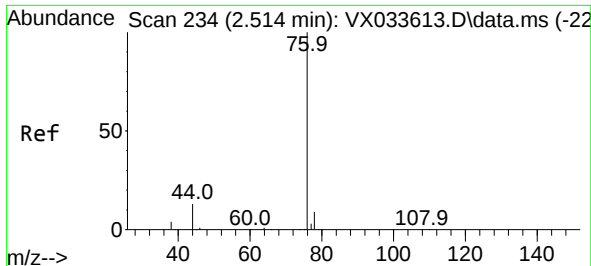
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#16
Acetone
Concen: 75.468 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 43 Resp: 58143
Ion Ratio Lower Upper
43 100
58 28.0 22.9 34.3





#17

Carbon Disulfide

Concen: 13.760 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 50198

Ion Ratio Lower Upper

76 100

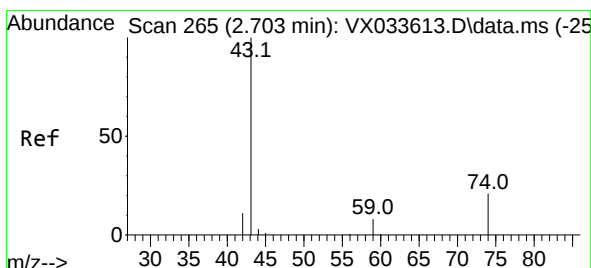
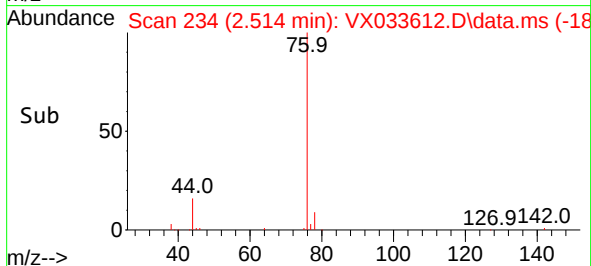
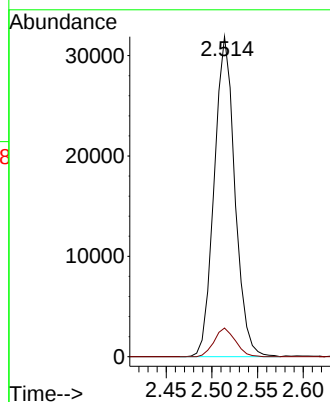
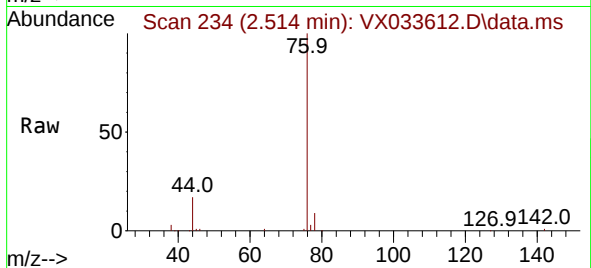
78 9.0 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#18

Methyl Acetate

Concen: 20.043 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX033612.D

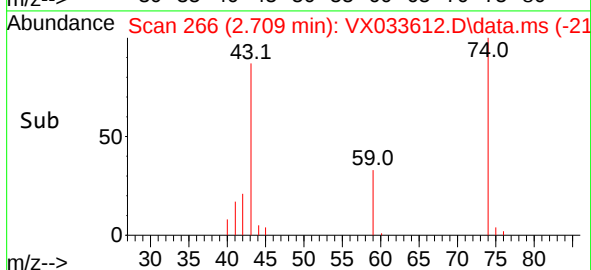
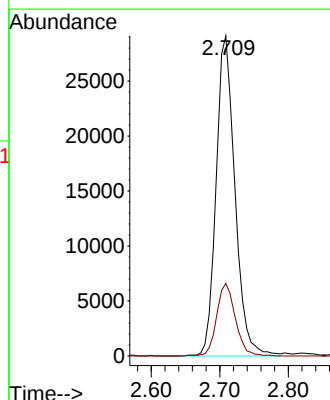
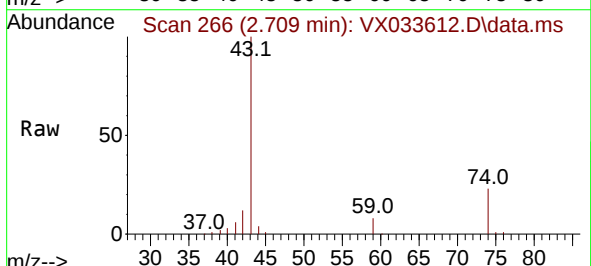
Acq: 04 Jan 2023 11:49

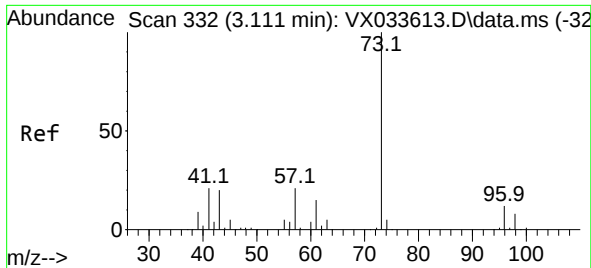
Tgt Ion: 43 Resp: 55506

Ion Ratio Lower Upper

43 100

74 22.5 17.9 26.9





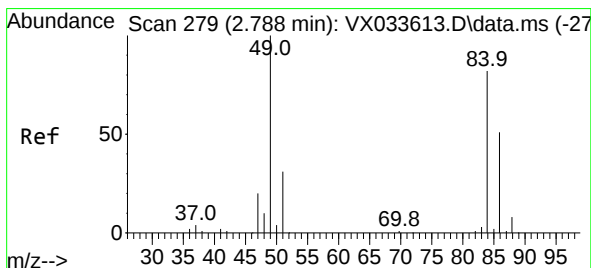
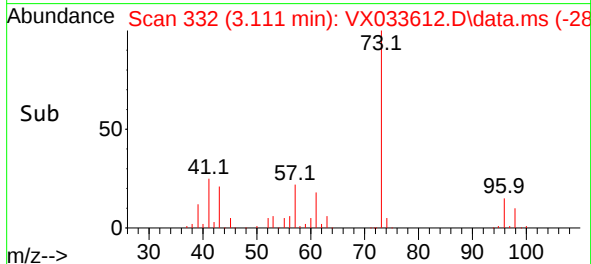
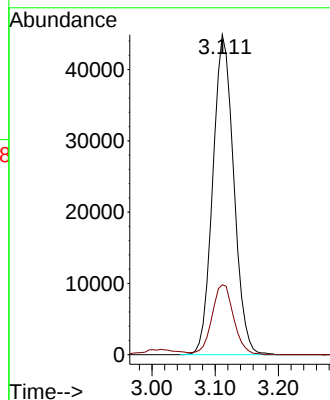
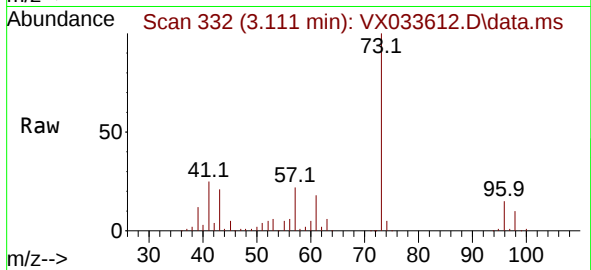
#19
Methyl tert-butyl Ether
Concen: 19.849 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 10315
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

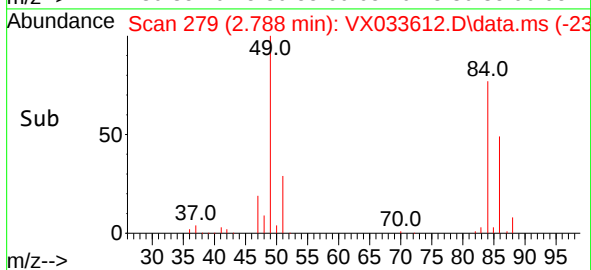
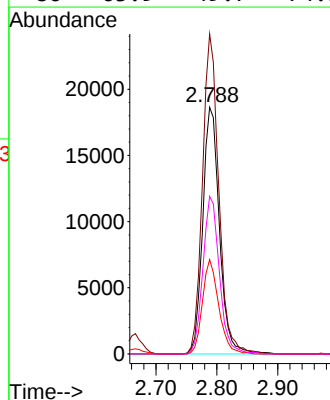
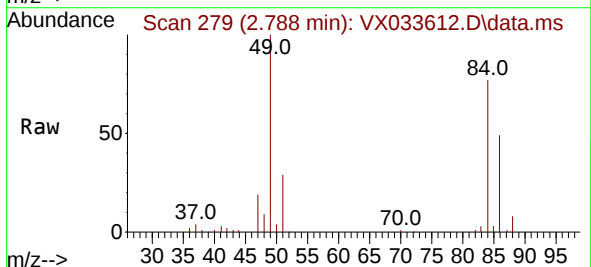
Manual Integrations
APPROVED

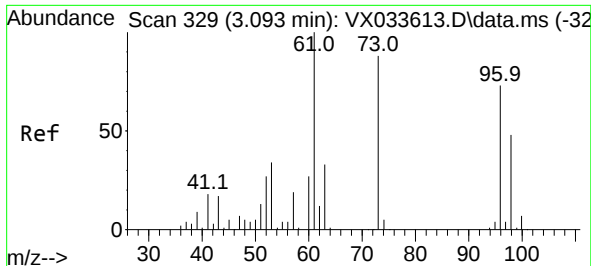
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#20
Methylene Chloride
Concen: 17.794 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 84 Resp: 35536
Ion Ratio Lower Upper
84 100
49 129.7 97.6 146.4
51 38.2 30.4 45.6
86 63.9 49.7 74.5





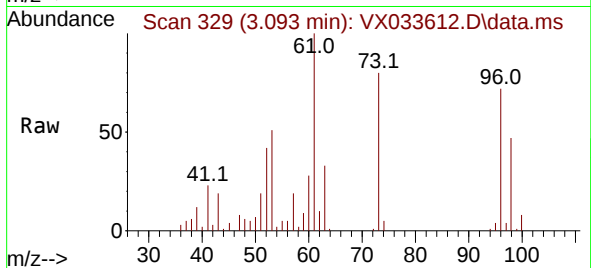
#21
trans-1,2-Dichloroethene
Concen: 20.015 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

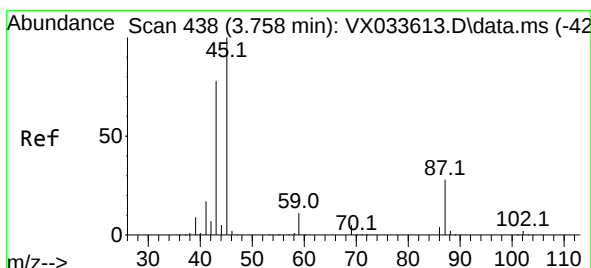
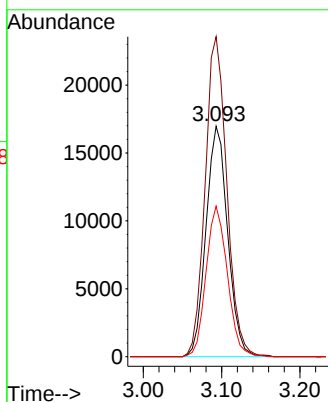
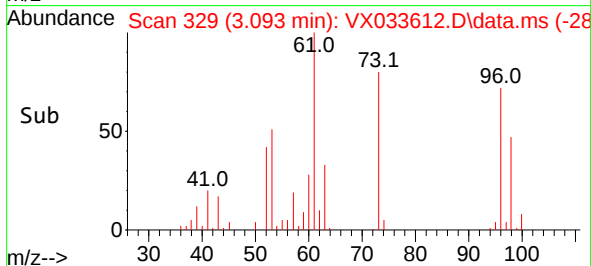


Tgt Ion: 96 Resp: 3268
Ion Ratio Lower Upper
96 100
61 138.9 109.7 164.5
98 65.4 52.2 78.2

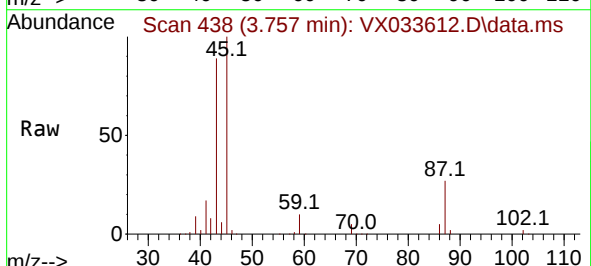
Manual Integrations

APPROVED

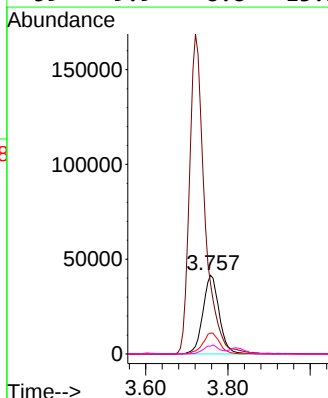
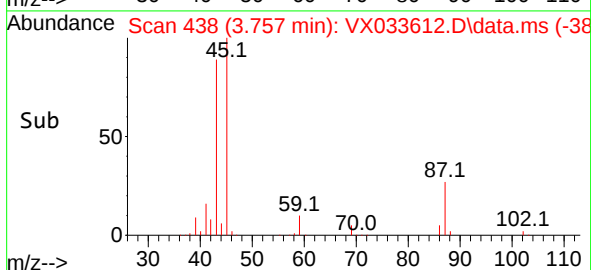
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

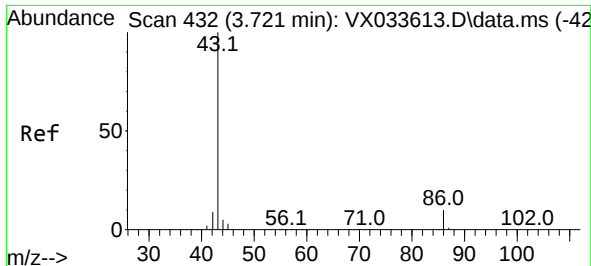


#22
Diisopropyl ether
Concen: 20.458 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49



Tgt Ion: 45 Resp: 113819
Ion Ratio Lower Upper
45 100
43 88.6 62.6 93.8
87 26.6 22.1 33.1
59 9.9 8.8 13.2





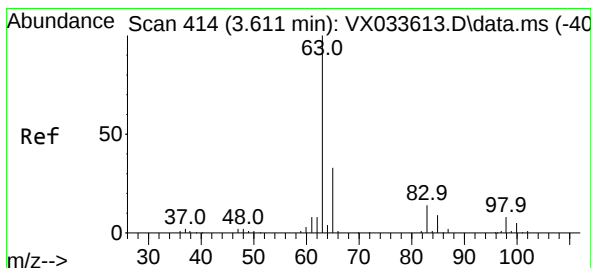
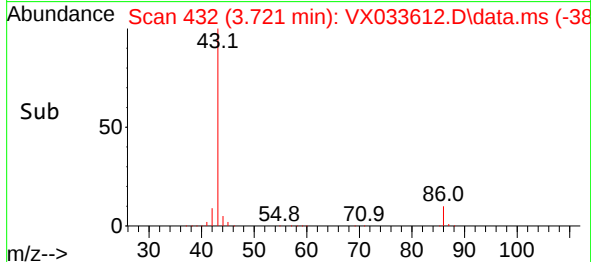
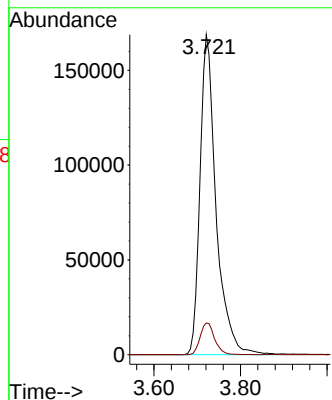
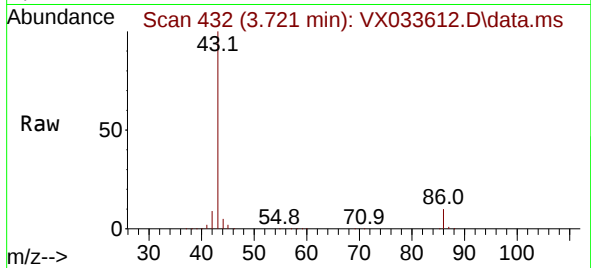
#23
 Vinyl Acetate
 Concen: 101.740 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033612.D
 Acq: 04 Jan 2023 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 434649
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.3 12.5

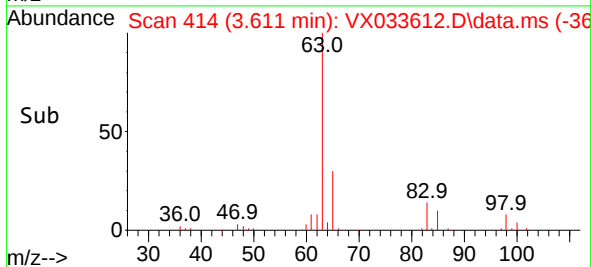
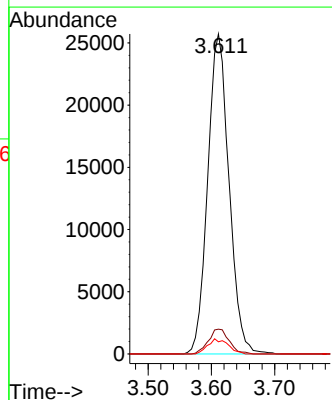
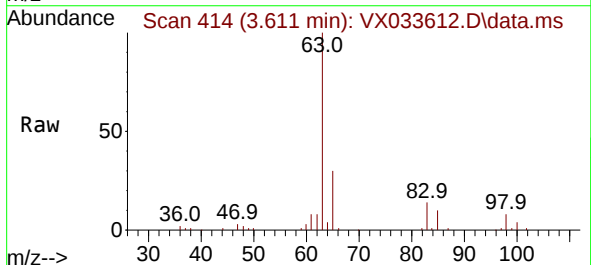
Manual Integrations
 APPROVED

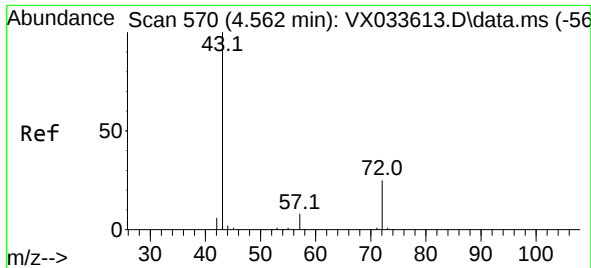
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#24
 1,1-Dichloroethane
 Concen: 19.996 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033612.D
 Acq: 04 Jan 2023 11:49

Tgt Ion: 63 Resp: 60190
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 3.8 2.5 7.6





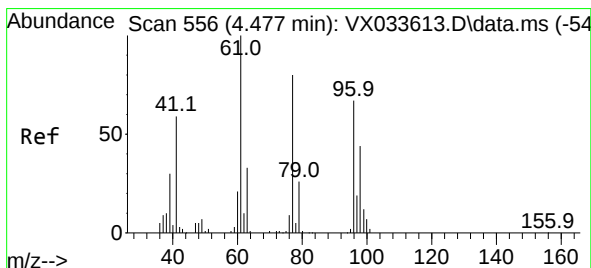
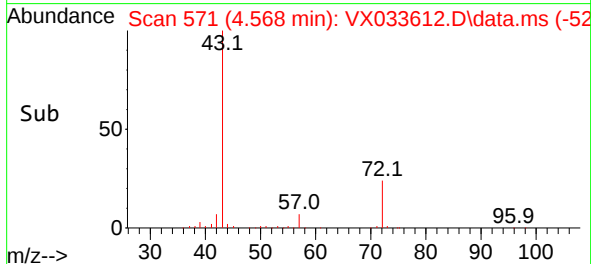
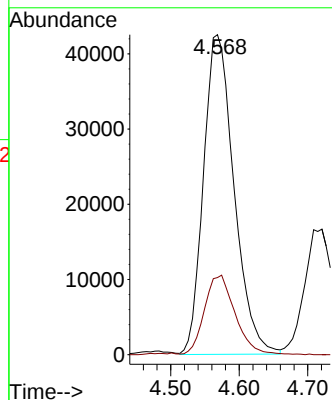
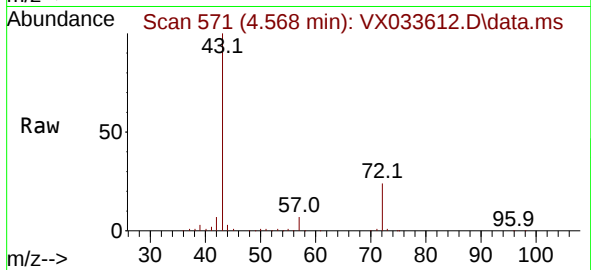
#25
2-Butanone
Concen: 101.173 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 131900
Ion Ratio Lower Upper
43 100
72 24.0 19.8 29.6

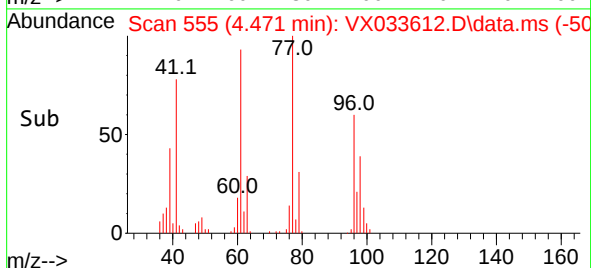
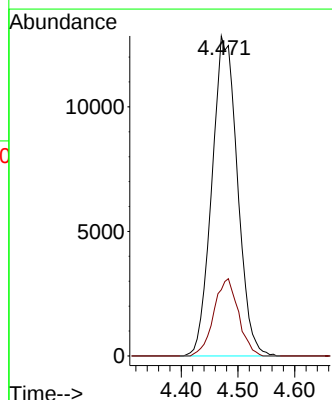
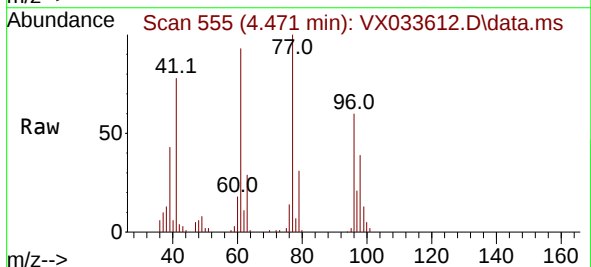
Manual Integrations
APPROVED

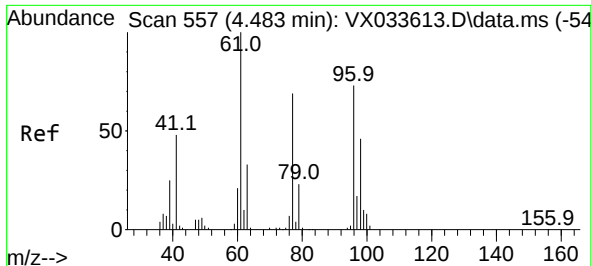
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#26
2,2-Dichloropropane
Concen: 19.306 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 77 Resp: 40177
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 20.051 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 37979

Ion Ratio Lower Upper

96 100

61 141.3 0.0 283.8

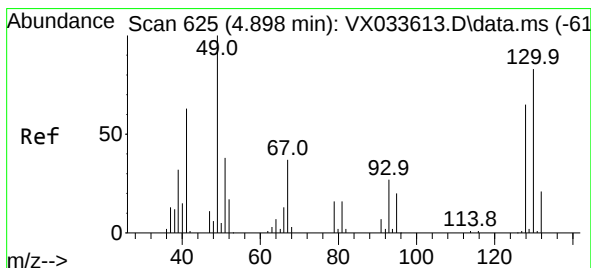
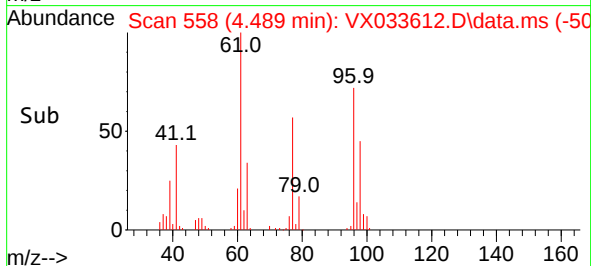
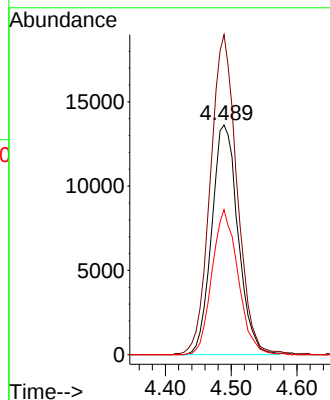
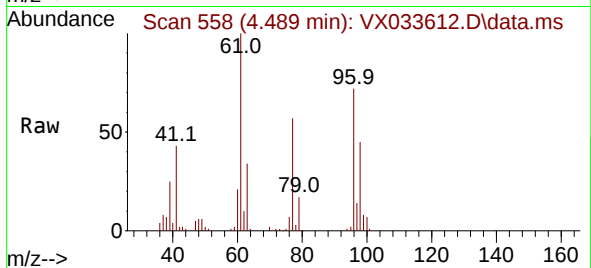
98 62.4 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#28

Bromochloromethane

Concen: 17.909 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

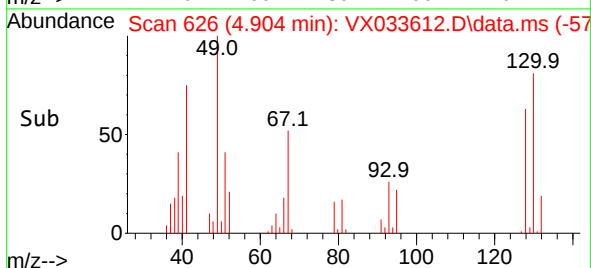
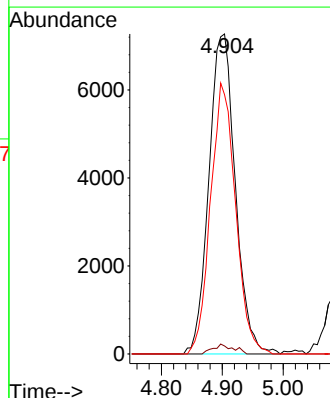
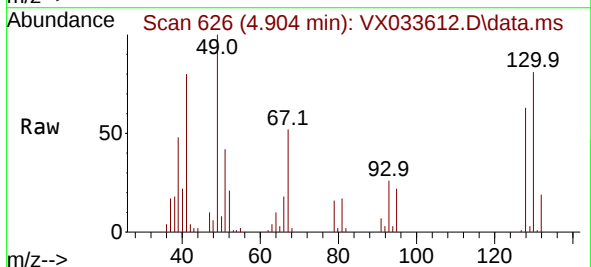
Tgt Ion: 49 Resp: 21899

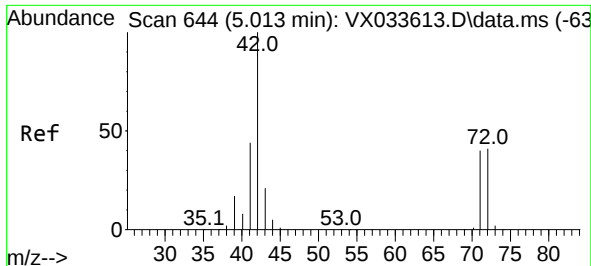
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 80.4 66.6 100.0





#29

Tetrahydrofuran

Concen: 99.688 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

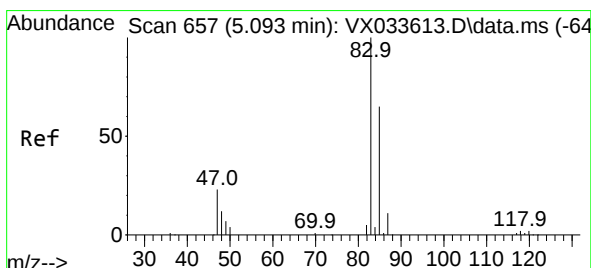
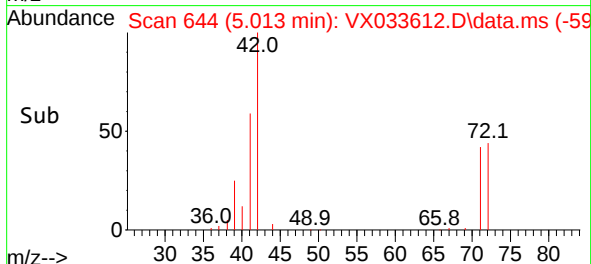
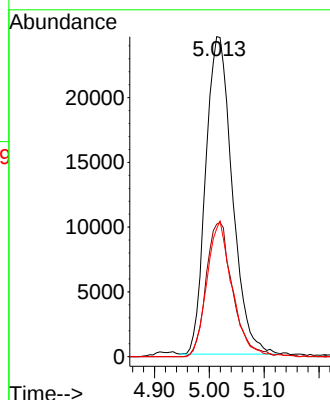
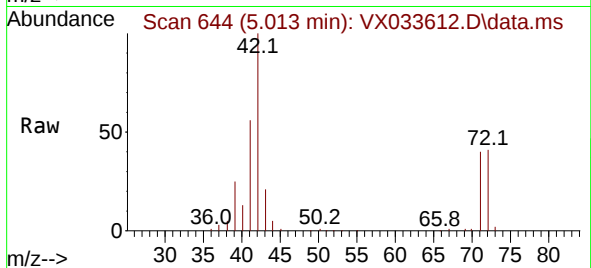
Tgt Ion:	42	Resp:	82484
Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.2	51.4
71	40.8	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#30

Chloroform

Concen: 20.237 ug/l

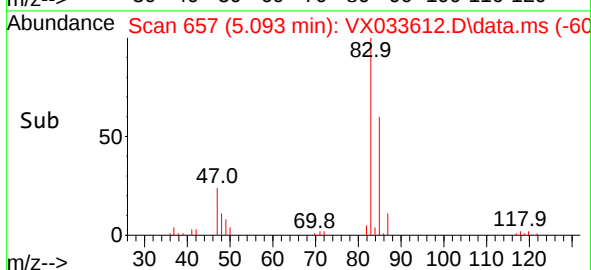
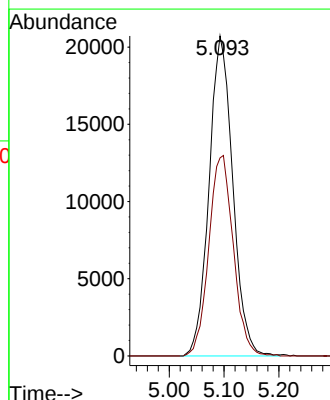
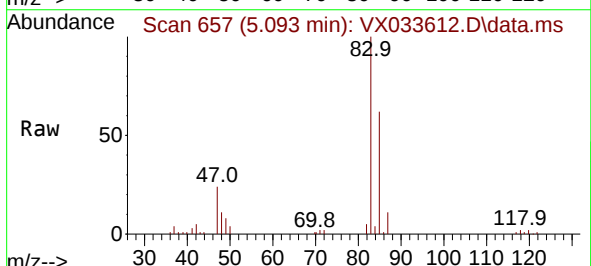
RT: 5.093 min Scan# 657

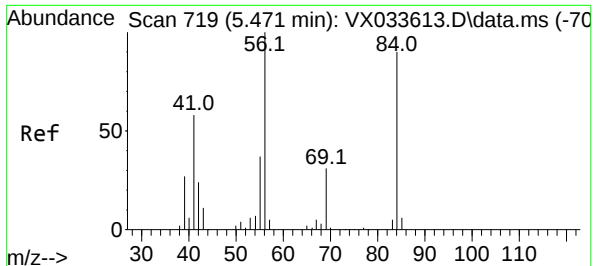
Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion:	83	Resp:	62233
Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.2	78.2





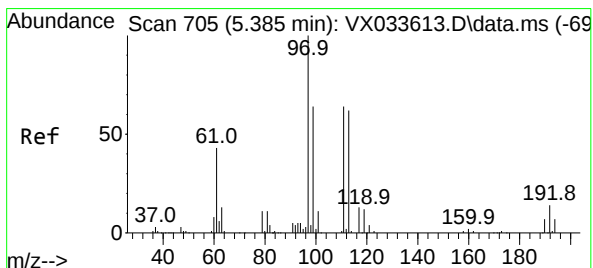
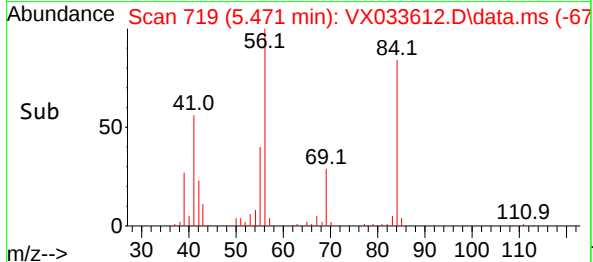
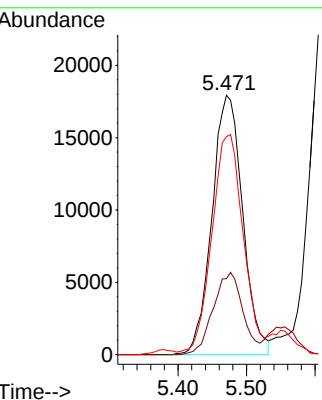
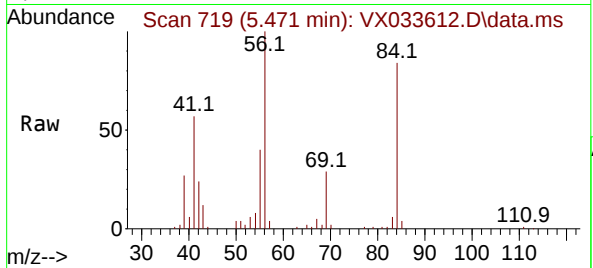
#31
Cyclohexane
Concen: 20.078 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 5584
Ion Ratio Lower Upper
56 100
69 29.3 24.6 36.8
84 82.5 72.2 108.2

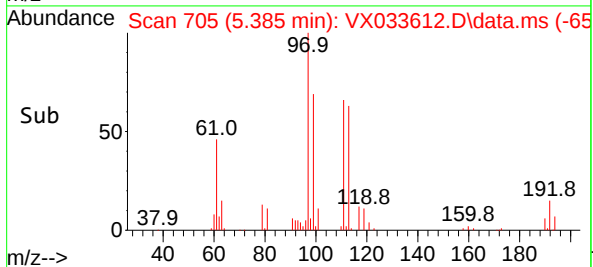
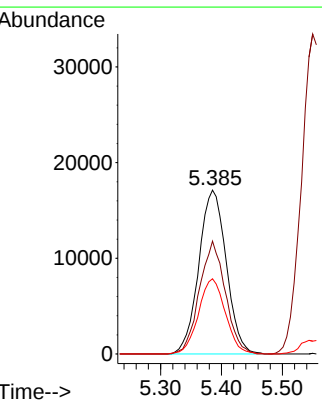
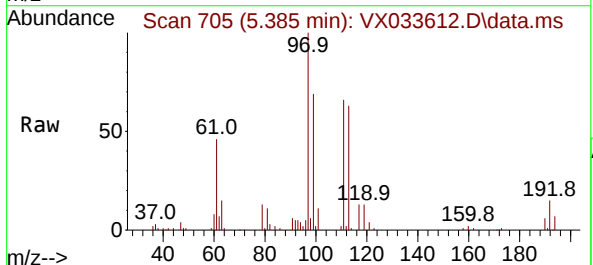
Manual Integrations
APPROVED

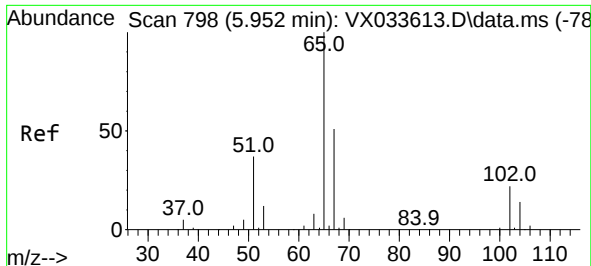
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#32
1,1,1-Trichloroethane
Concen: 20.196 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 97 Resp: 53701
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 44.8 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 19.602 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 39164

Ion Ratio Lower Upper

65 100

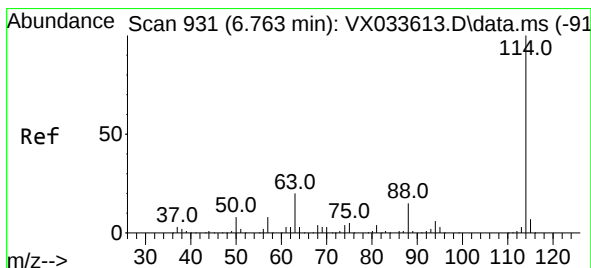
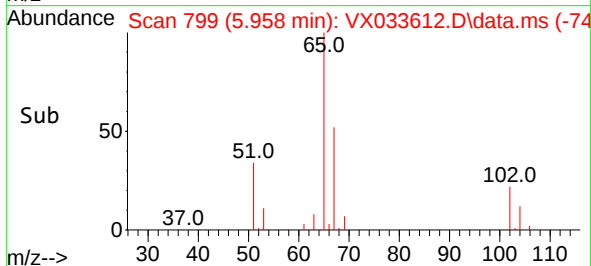
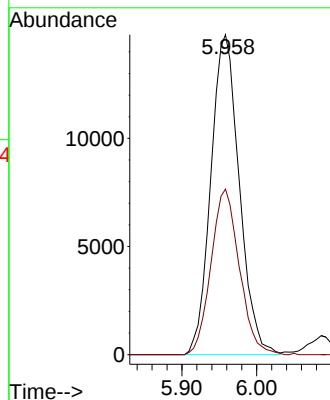
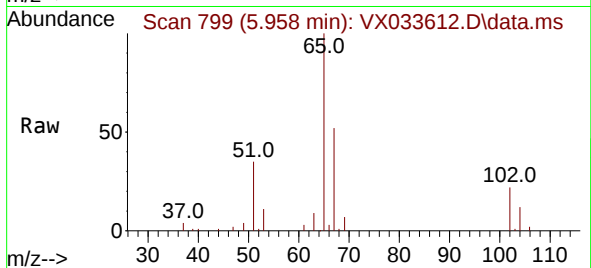
67 51.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

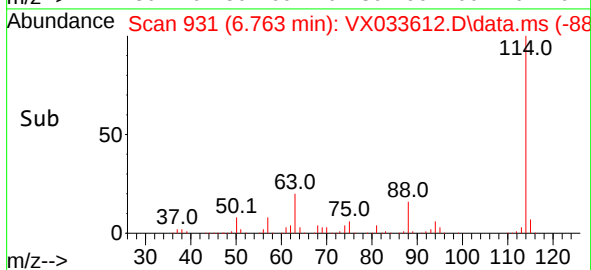
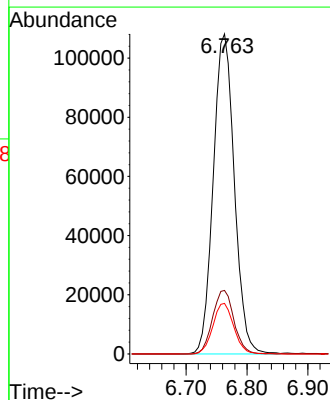
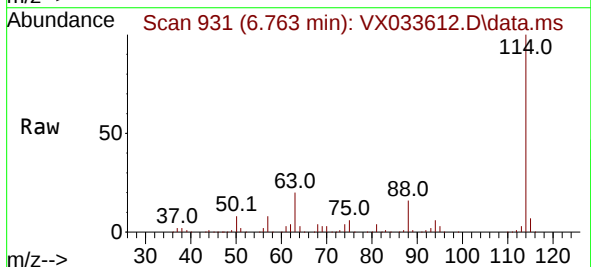
Tgt Ion:114 Resp: 259964

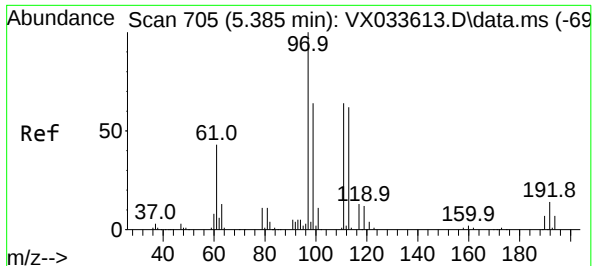
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 18.827 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 113 Resp: 32170

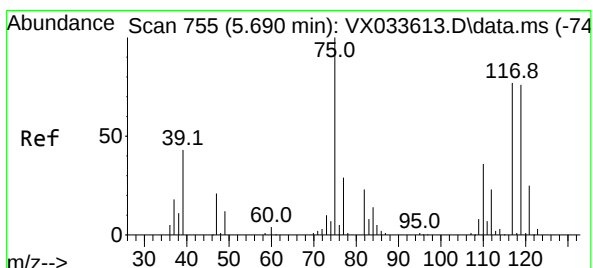
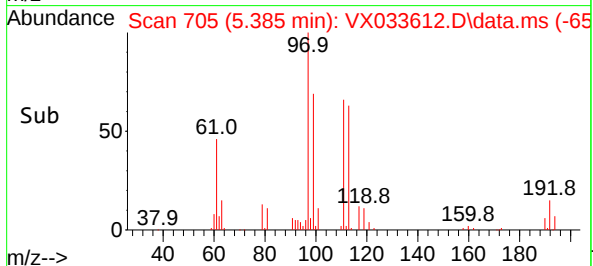
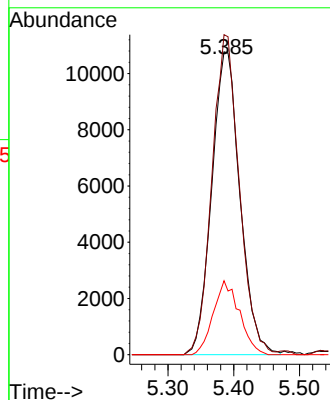
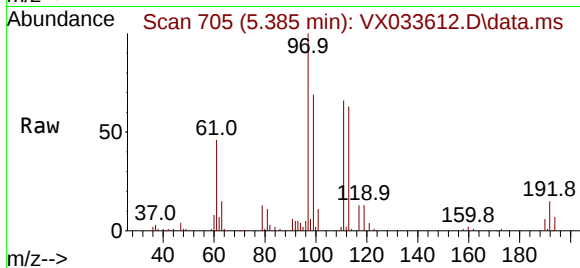
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.2	121.8
192	22.6	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#36

1,1-Dichloropropene

Concen: 19.834 ug/l

RT: 5.696 min Scan# 756

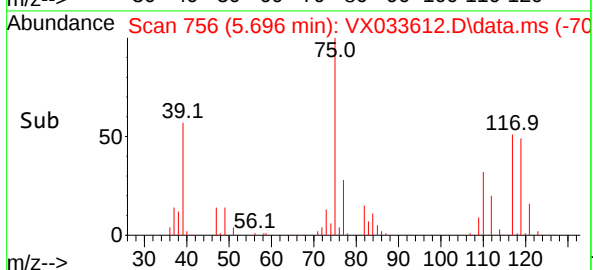
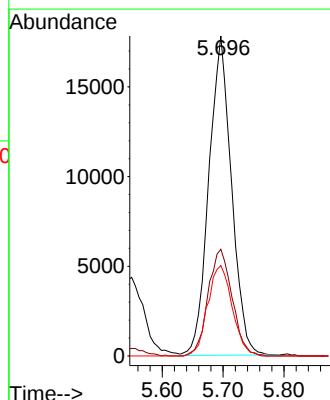
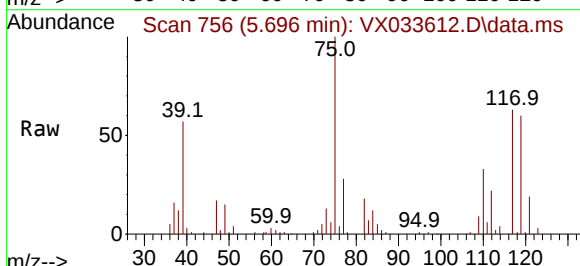
Delta R.T. 0.006 min

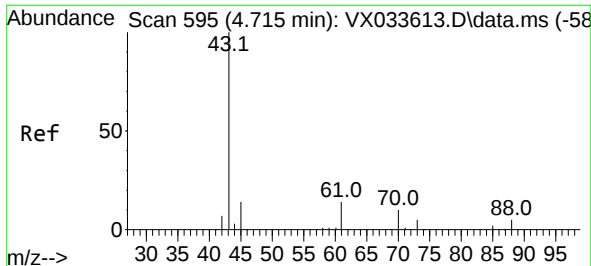
Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion: 75 Resp: 45907

Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.0	54.0
77	30.9	24.5	36.7





#37

Ethyl Acetate

Concen: 17.968 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

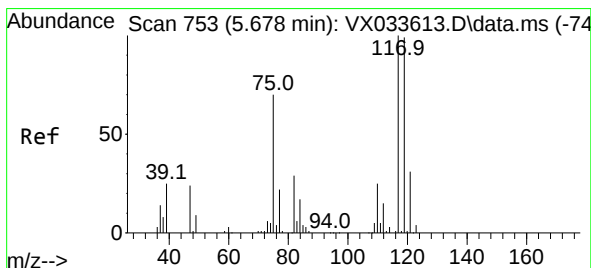
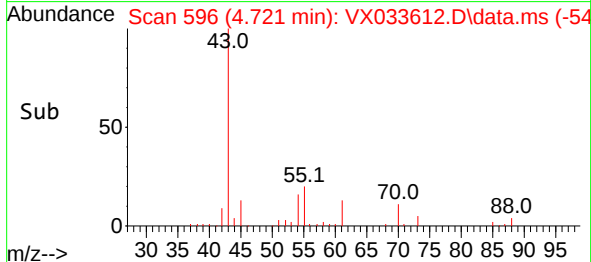
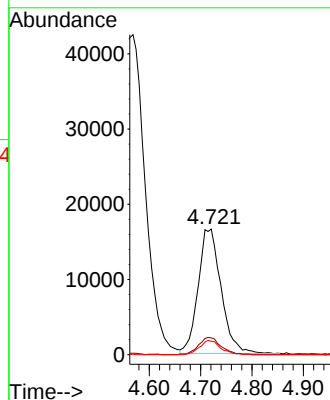
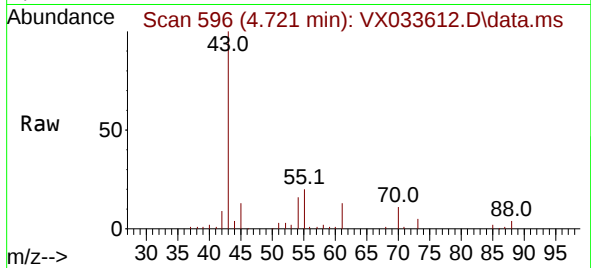
Tgt Ion: 43	Resp: 5126
Ion Ratio	Lower Upper
43 100	
61 13.6	10.6 16.0
70 10.4	8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#38

Carbon Tetrachloride

Concen: 19.734 ug/l

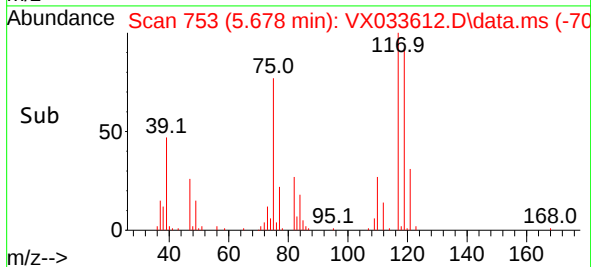
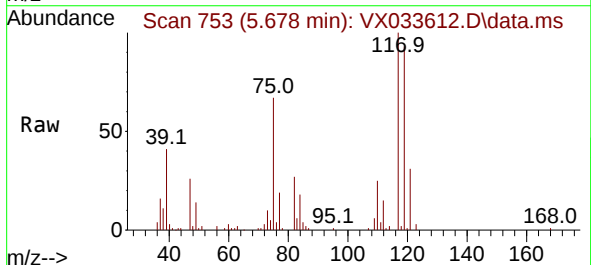
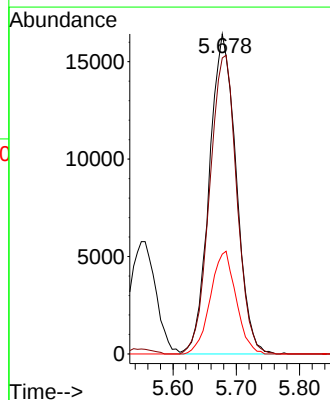
RT: 5.678 min Scan# 753

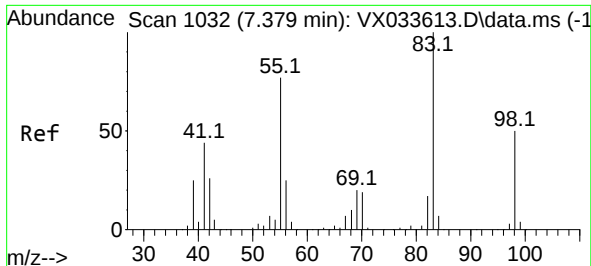
Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion: 117	Resp: 48337
Ion Ratio	Lower Upper
117 100	
119 92.5	78.8 118.2
121 31.2	24.9 37.3





#39

Methylcyclohexane

Concen: 19.424 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

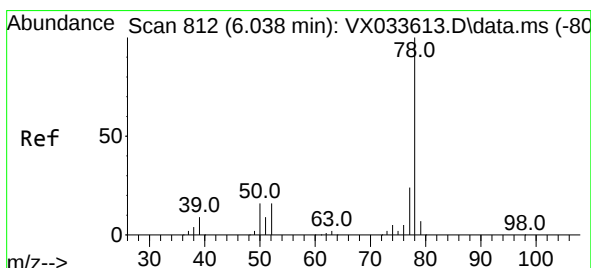
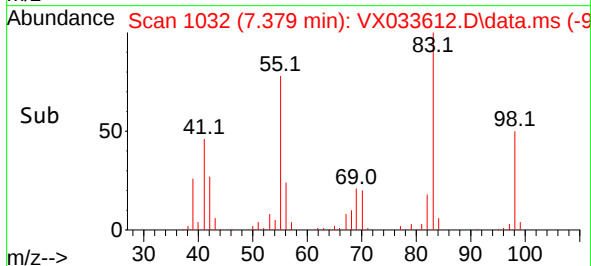
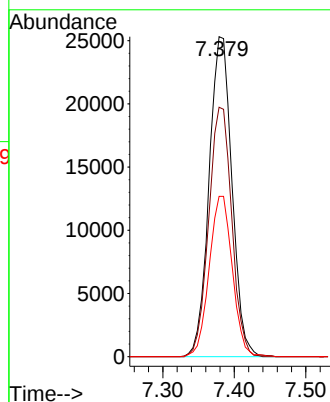
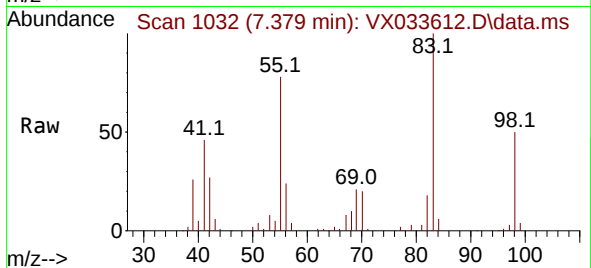
Tgt Ion: 83	Resp: 56134
Ion Ratio	Lower Upper
83 100	
55 77.9	61.4 92.2
98 50.1	40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#40

Benzene

Concen: 19.774 ug/l

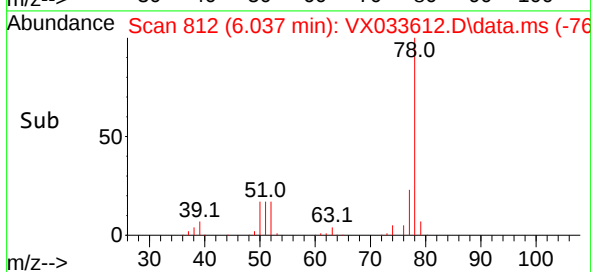
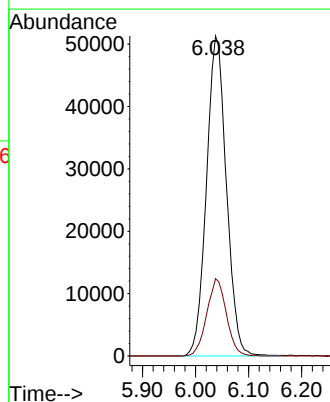
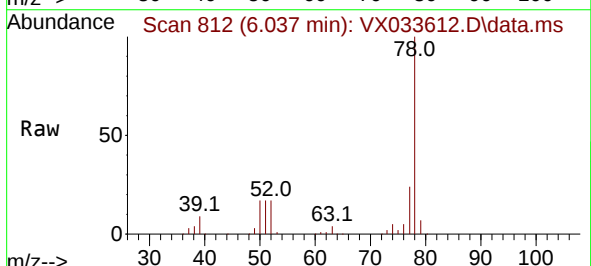
RT: 6.037 min Scan# 812

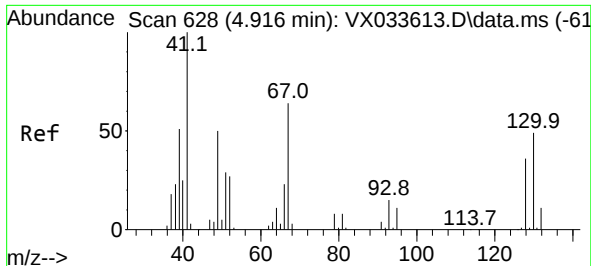
Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion: 78	Resp: 133770
Ion Ratio	Lower Upper
78 100	
77 24.2	19.0 28.6





#41
Methacrylonitrile
Concen: 20.704 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

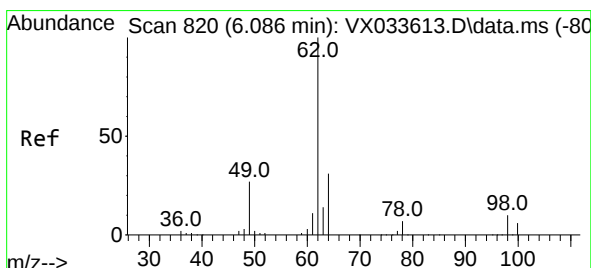
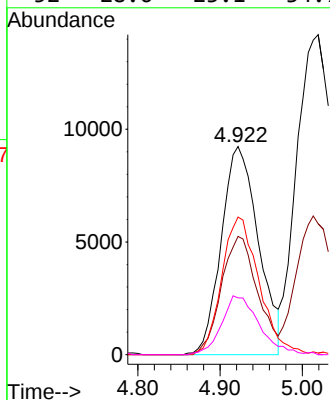
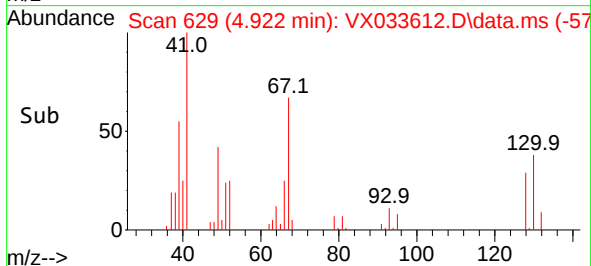
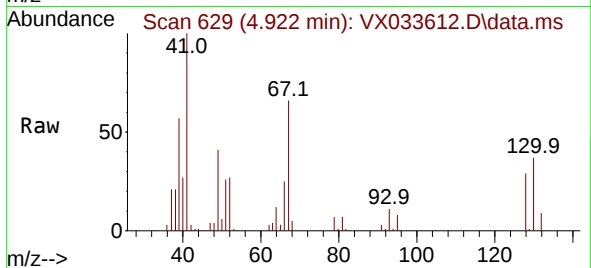
VSTDICC020

Tgt Ion: 41 Resp: 29110
Ion Ratio Lower Upper
41 100
39 55.5 44.1 66.1
67 66.0 53.8 80.6
52 28.6 23.1 34.7

Manual Integrations

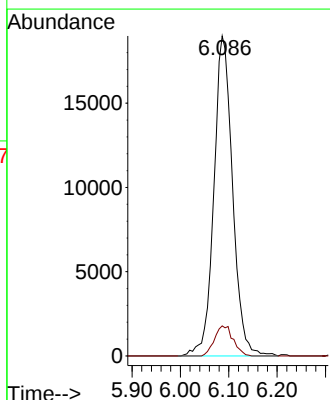
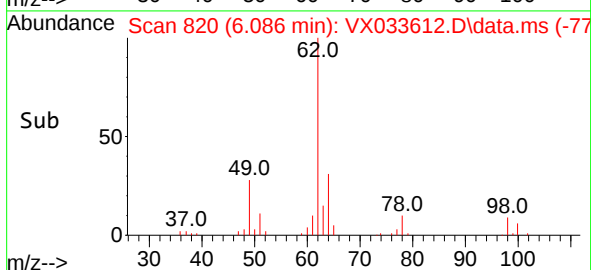
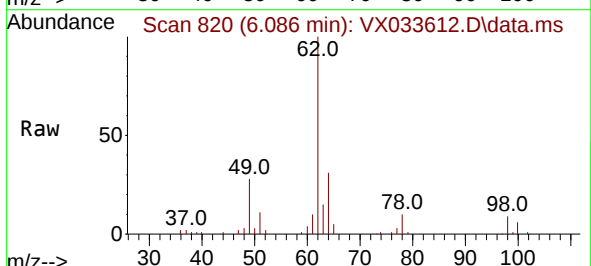
APPROVED

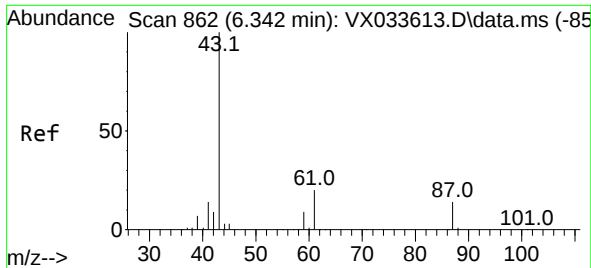
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#42
1,2-Dichloroethane
Concen: 20.240 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 62 Resp: 51040
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0





#43

Isopropyl Acetate

Concen: 19.383 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

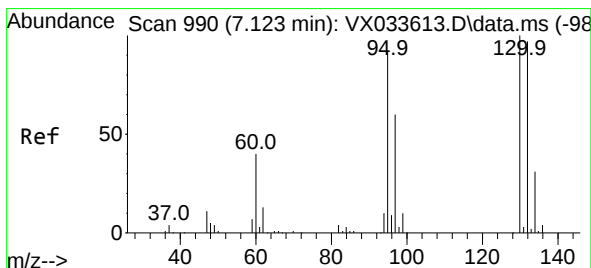
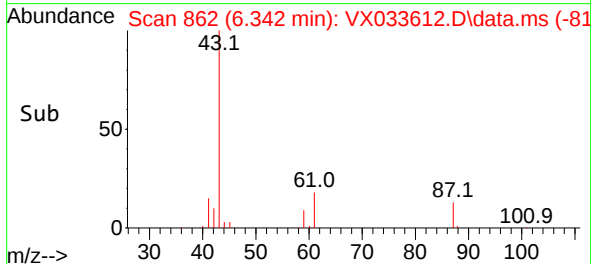
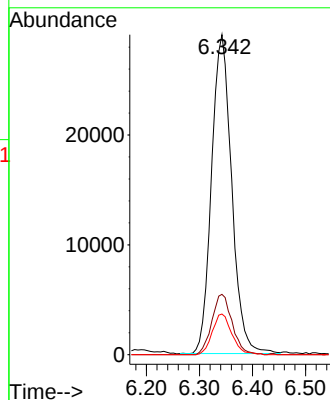
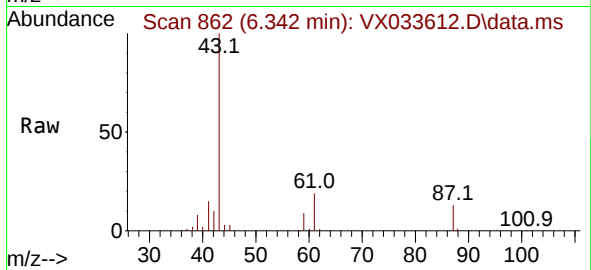
Tgt Ion: 43	Resp: 76704
Ion Ratio	Lower Upper
43 100	
61 19.0	15.2 22.8
87 12.4	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#44

Trichloroethene

Concen: 19.279 ug/l

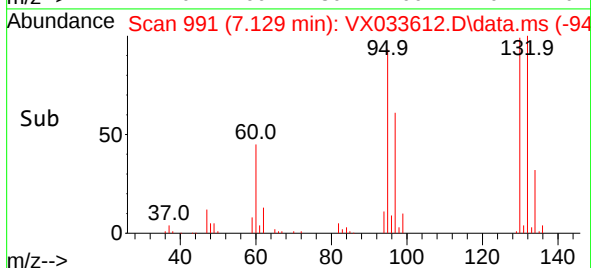
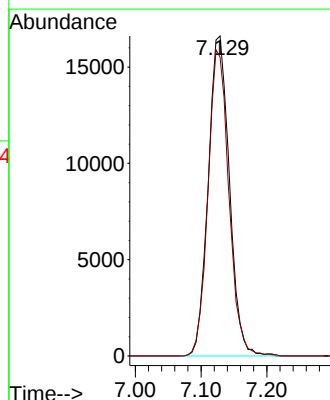
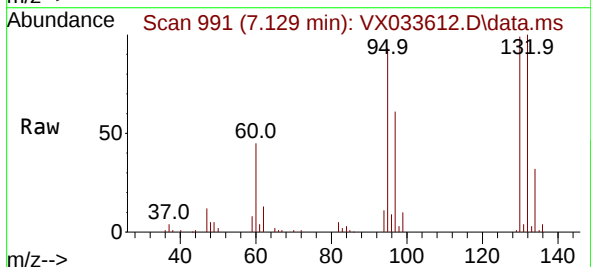
RT: 7.129 min Scan# 991

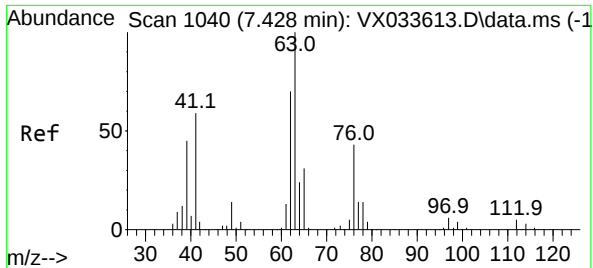
Delta R.T. 0.006 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion:130	Resp: 37216
Ion Ratio	Lower Upper
130 100	
95 93.4	0.0 183.0





#45

1,2-Dichloropropane

Concen: 19.556 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 34079

Ion Ratio Lower Upper

63 100

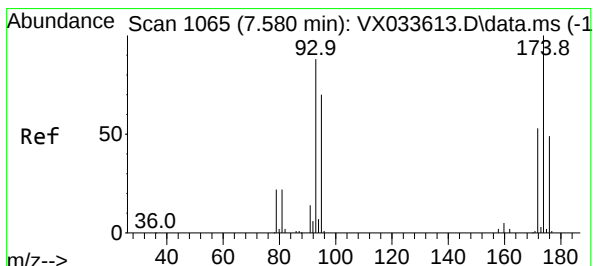
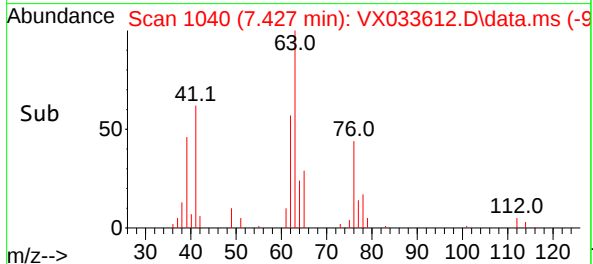
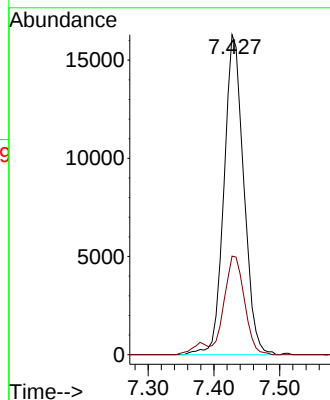
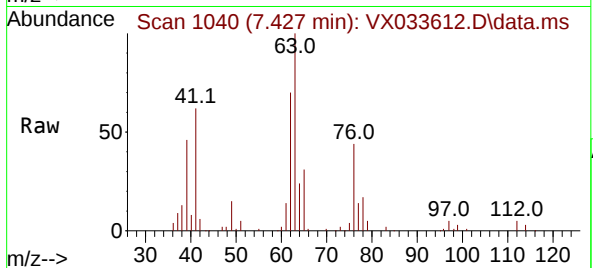
65 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#46

Dibromomethane

Concen: 20.098 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

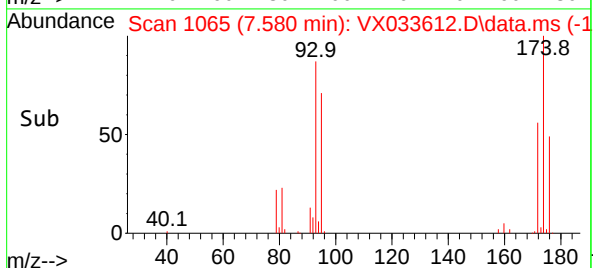
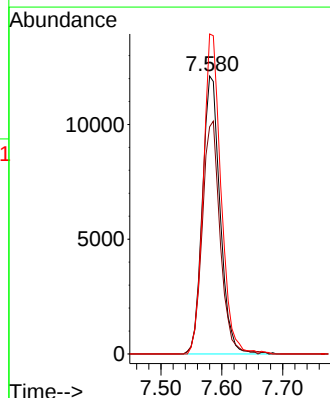
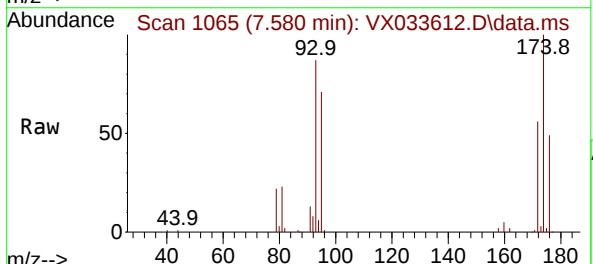
Tgt Ion: 93 Resp: 24521

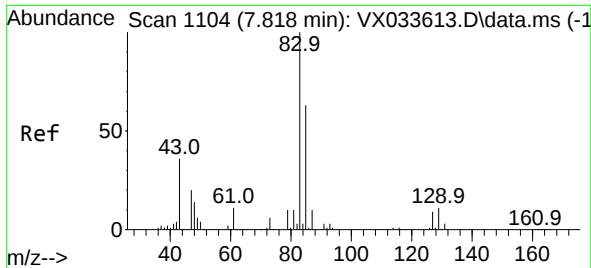
Ion Ratio Lower Upper

93 100

95 84.3 65.7 98.5

174 115.1 92.5 138.7





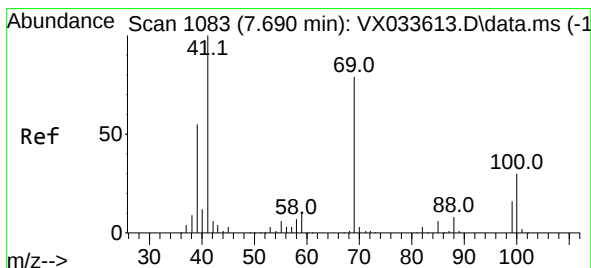
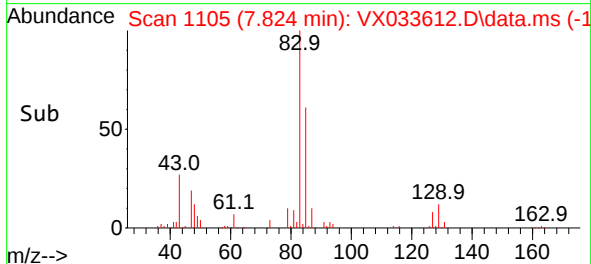
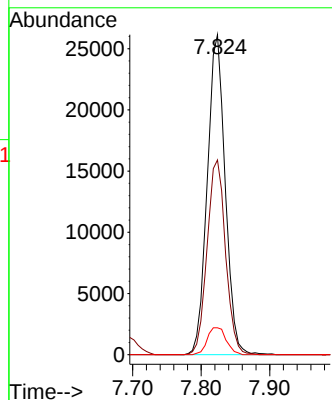
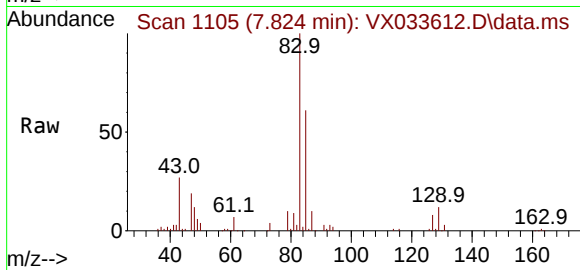
#47
Bromodichloromethane
Concen: 20.087 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 47478
Ion Ratio Lower Upper
83 100
85 60.9 50.6 76.0
127 8.4 7.3 10.9

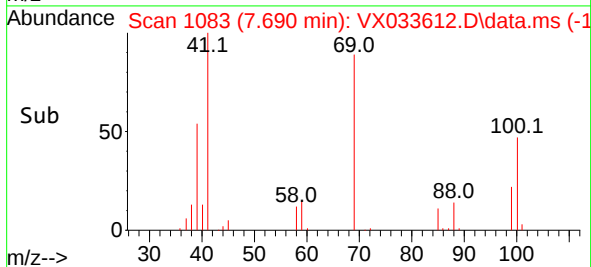
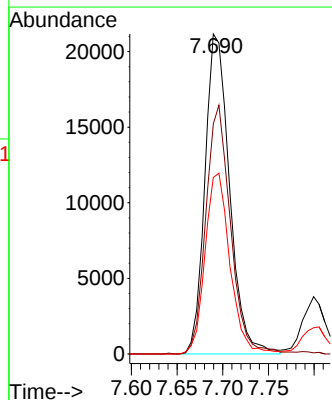
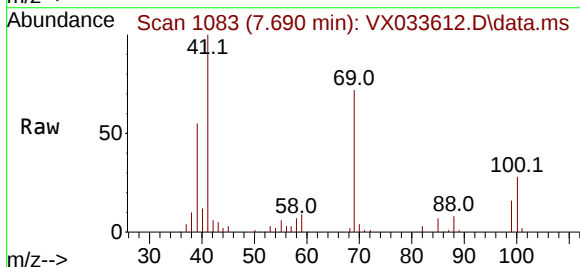
Manual Integrations
APPROVED

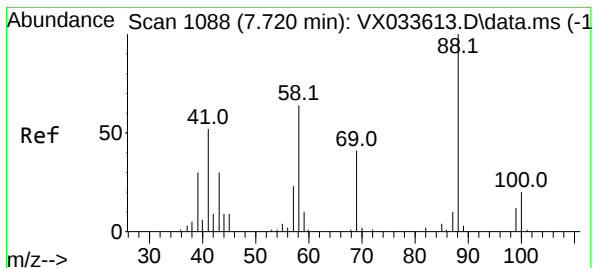
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#48
Methyl methacrylate
Concen: 19.827 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 41 Resp: 39716
Ion Ratio Lower Upper
41 100
69 77.5 63.1 94.7
39 57.0 44.8 67.2





#49

1,4-Dioxane

Concen: 402.822 ug/l

RT: 7.714 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1716

Ion Ratio Lower Upper

88 100

43 31.4 24.1 36.1

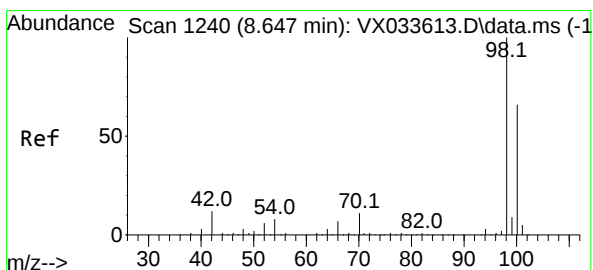
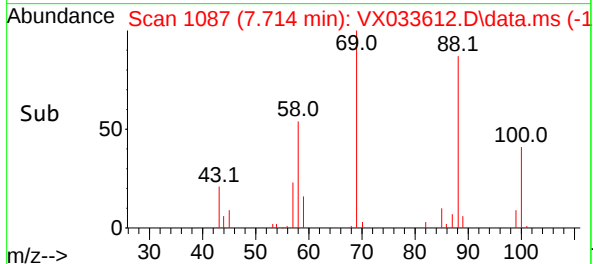
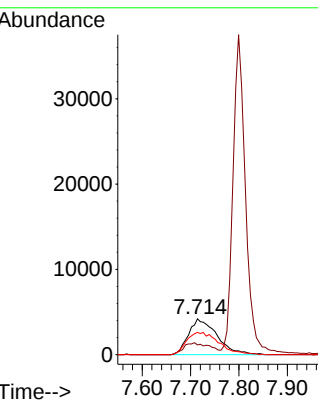
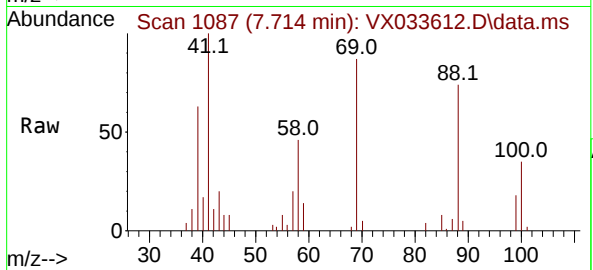
58 71.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#50

Toluene-d8

Concen: 19.023 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033612.D

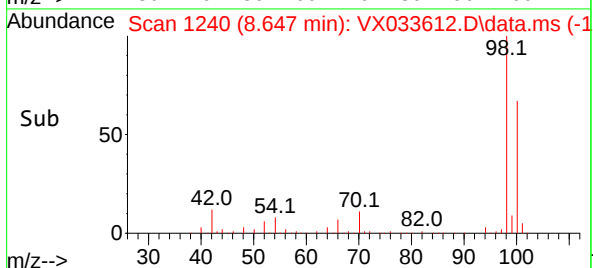
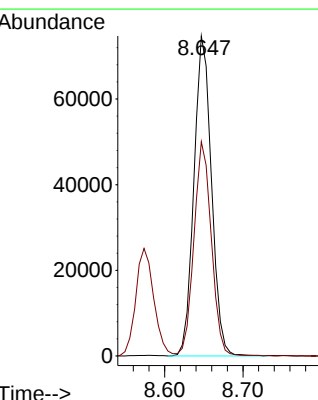
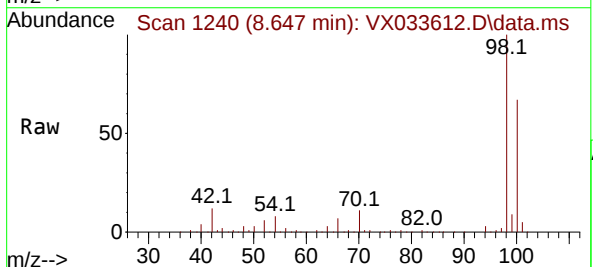
Acq: 04 Jan 2023 11:49

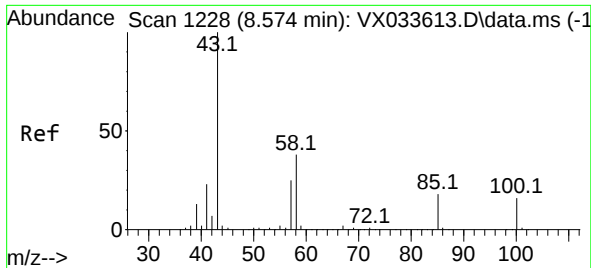
Tgt Ion: 98 Resp: 116182

Ion Ratio Lower Upper

98 100

100 66.5 53.6 80.4





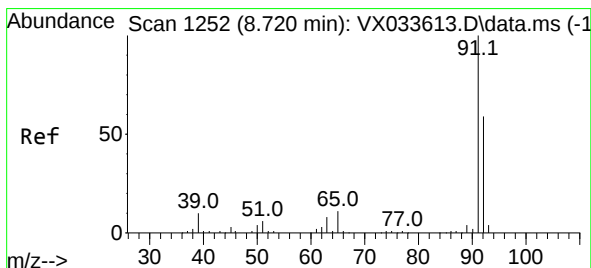
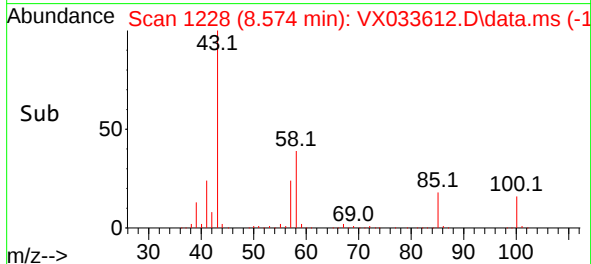
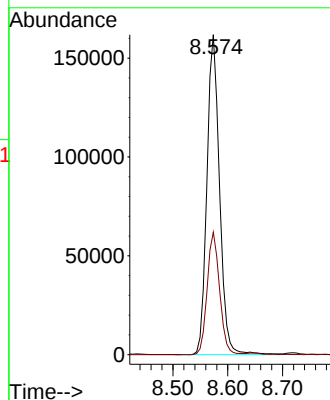
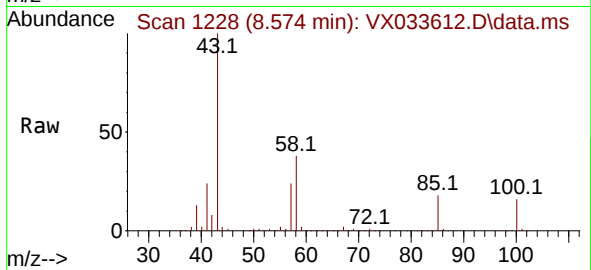
#51
4-Methyl-2-Pentanone
Concen: 103.204 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 258492
Ion Ratio Lower Upper
43 100
58 37.6 30.5 45.7

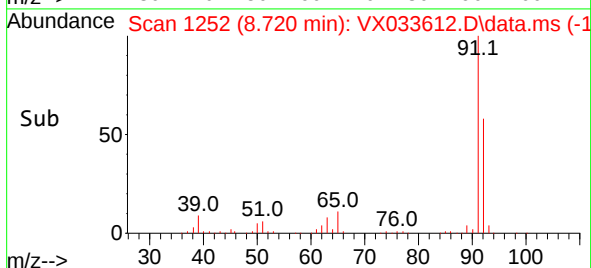
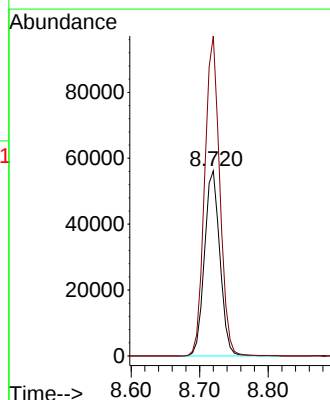
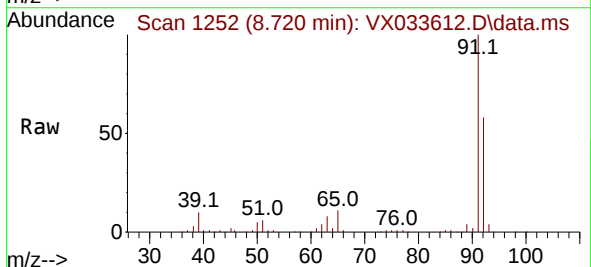
Manual Integrations
APPROVED

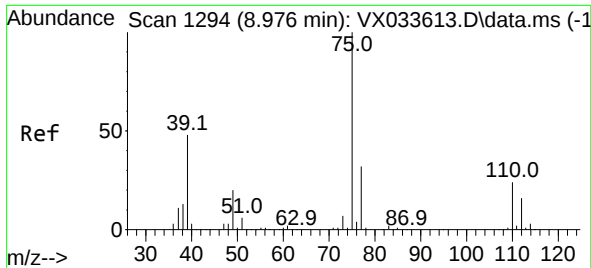
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#52
Toluene
Concen: 19.783 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 92 Resp: 87989
Ion Ratio Lower Upper
92 100
91 169.5 135.4 203.2





#53

t-1,3-Dichloropropene

Concen: 19.547 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 46119

Ion Ratio Lower Upper

75 100

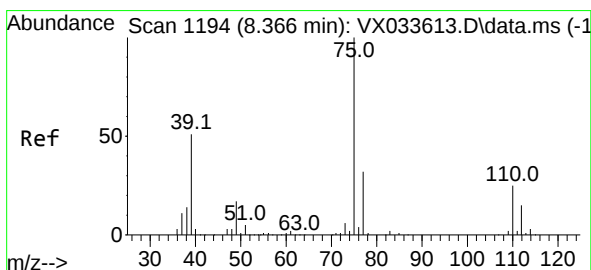
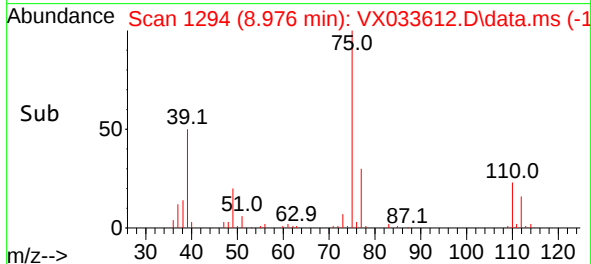
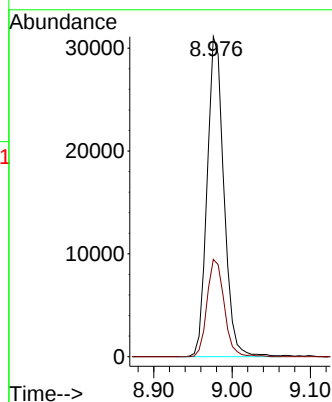
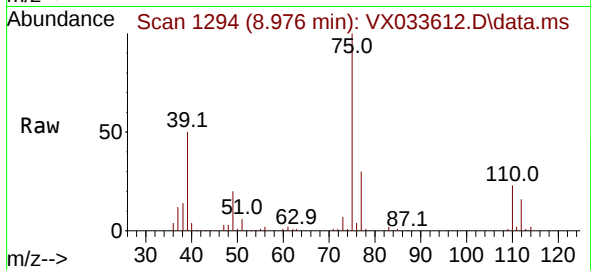
77 30.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#54

cis-1,3-Dichloropropene

Concen: 19.970 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

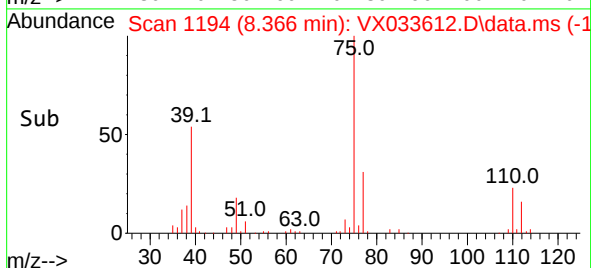
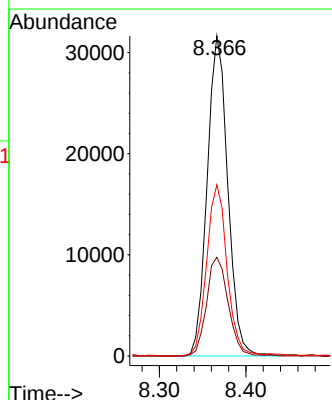
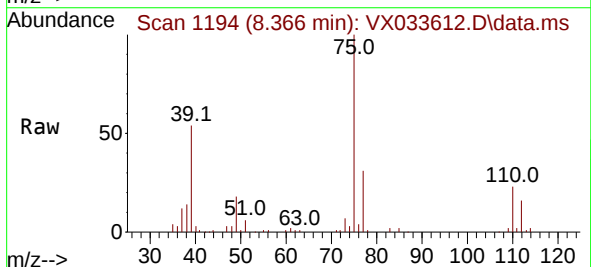
Tgt Ion: 75 Resp: 52249

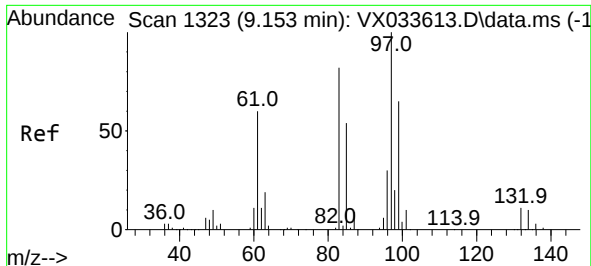
Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

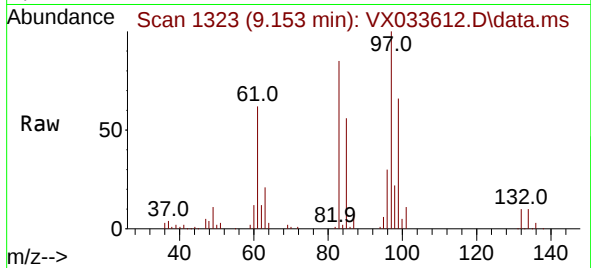
39 53.5 40.6 61.0





#55
1,1,2-Trichloroethane
Concen: 19.961 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

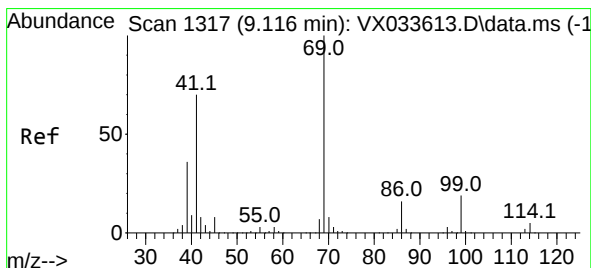
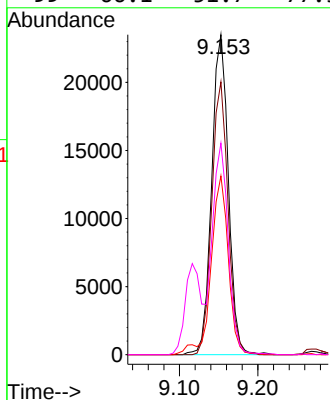
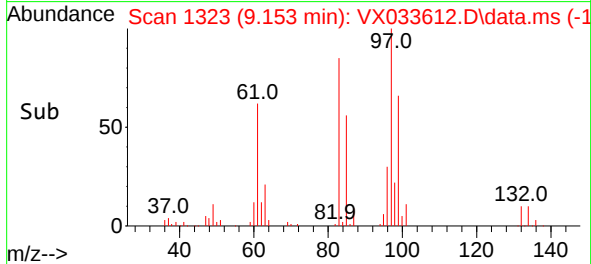
Instrument : MSVOA_X
ClientSampleId : VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.7	98.5
85	55.9	43.4	65.0
99	66.1	51.7	77.5

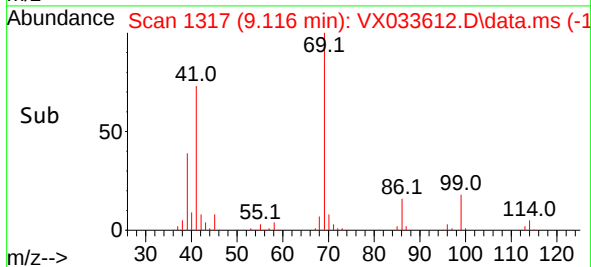
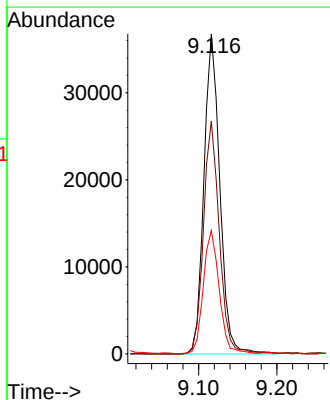
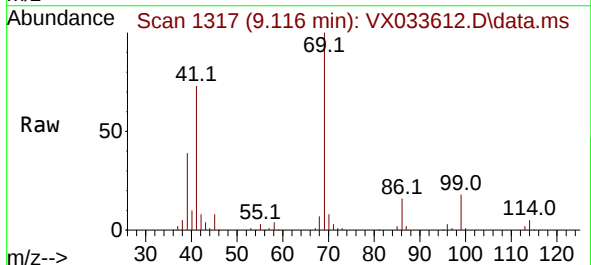
Manual Integrations
APPROVED

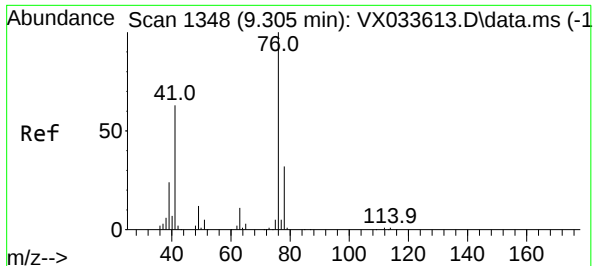
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#56
Ethyl methacrylate
Concen: 19.900 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.6	84.8
39	38.8	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.975 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 59538

Ion Ratio Lower Upper

76 100

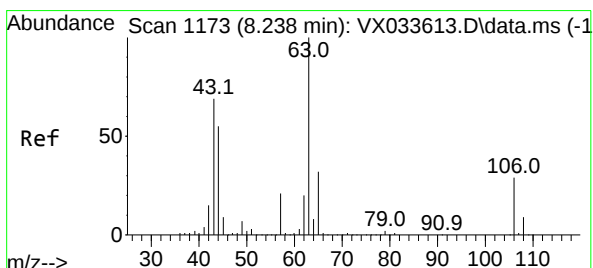
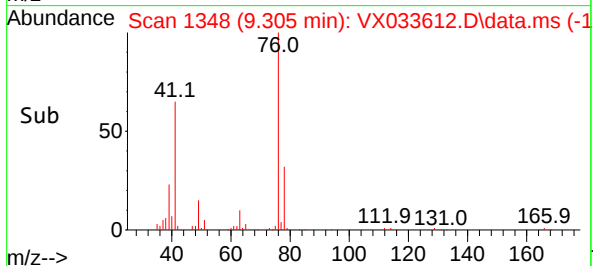
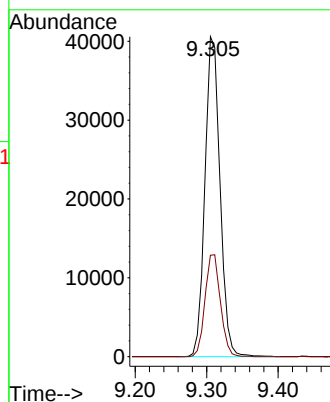
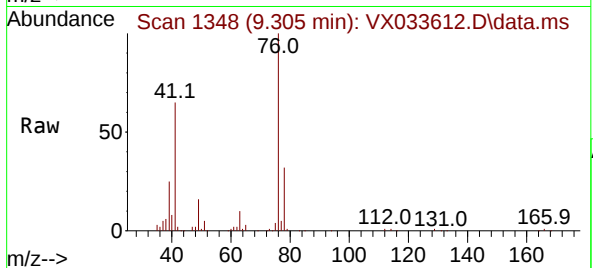
78 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.238 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033612.D

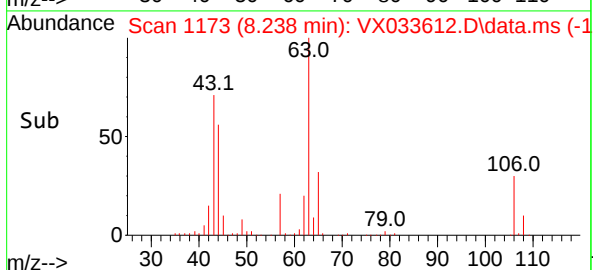
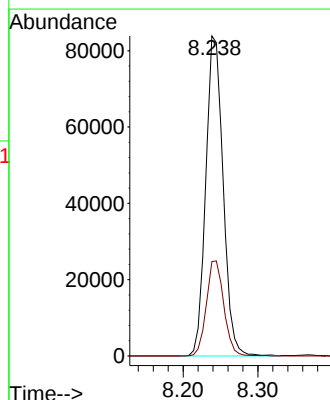
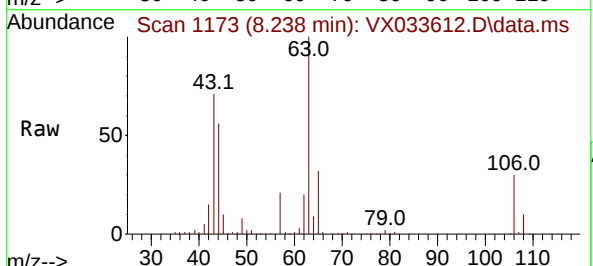
Acq: 04 Jan 2023 11:49

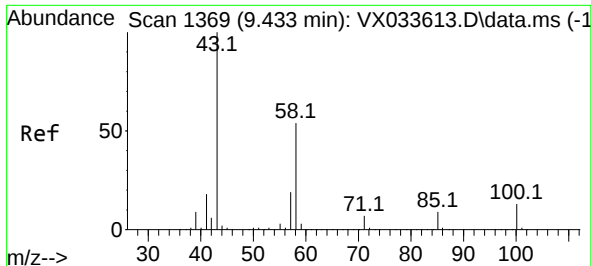
Tgt Ion: 63 Resp: 135255

Ion Ratio Lower Upper

63 100

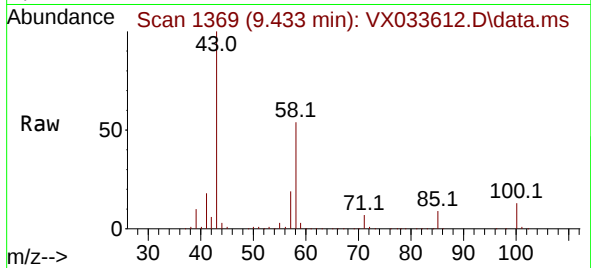
106 29.9 23.8 35.8





#59
2-Hexanone
Concen: 104.087 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

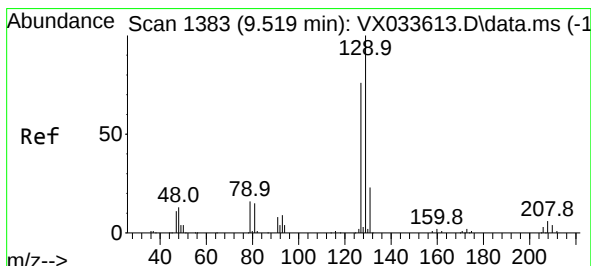
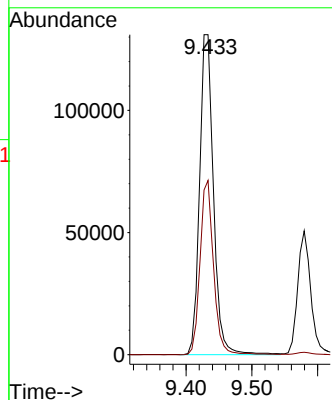
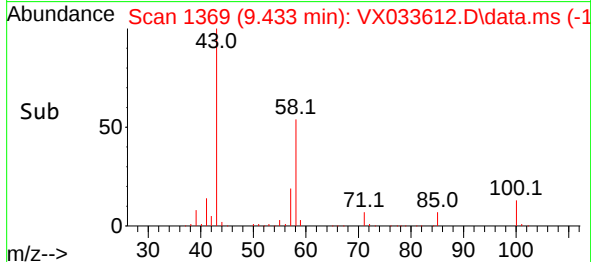
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 19258
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.8

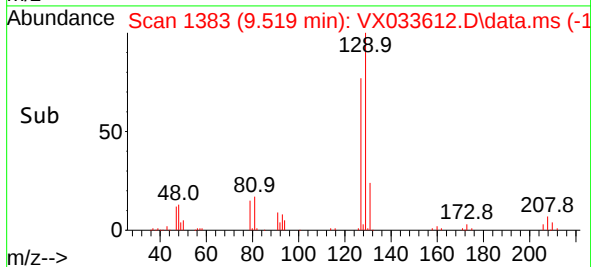
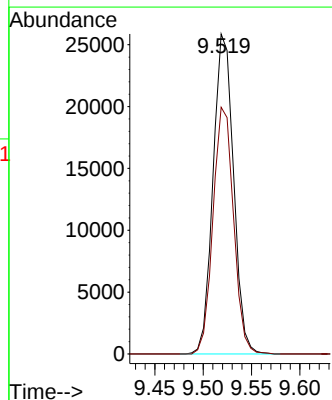
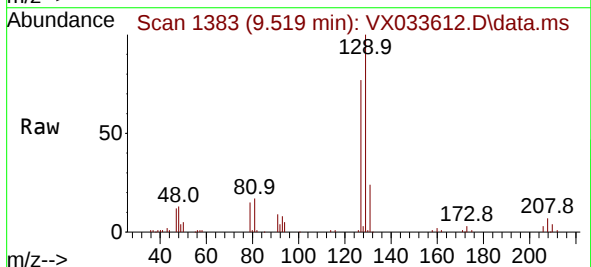
Manual Integrations
APPROVED

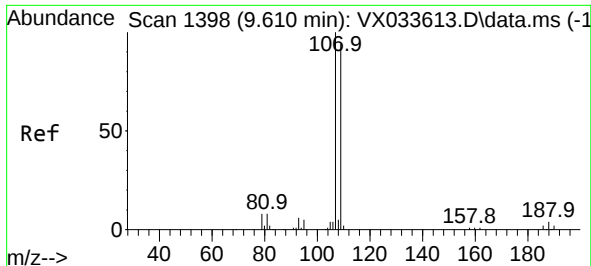
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#60
Dibromochloromethane
Concen: 19.953 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion:129 Resp: 38022
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.276 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:107 Resp: 3736

Ion Ratio Lower Upper

107 100

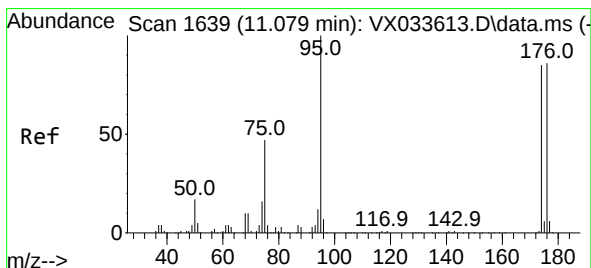
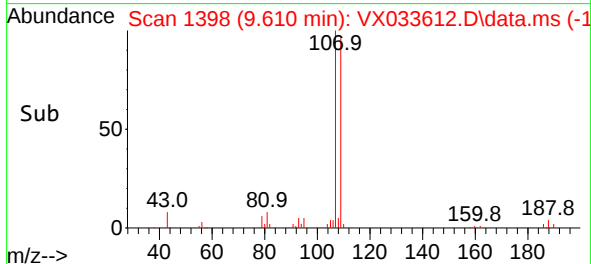
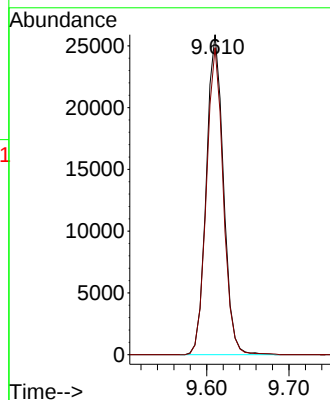
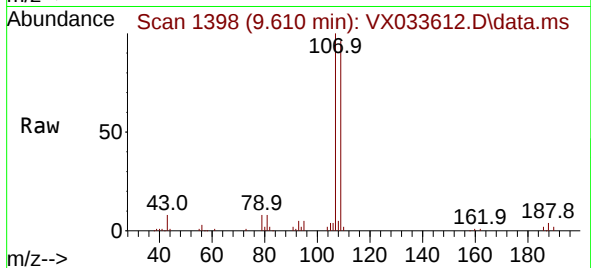
109 94.5 75.4 113.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#62

4-Bromofluorobenzene

Concen: 19.782 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

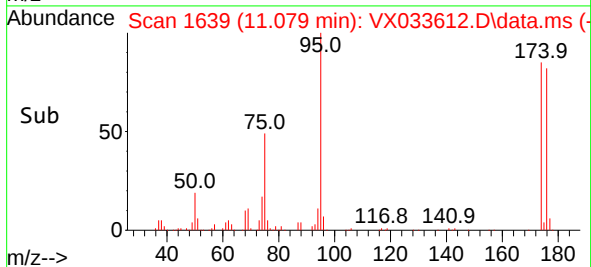
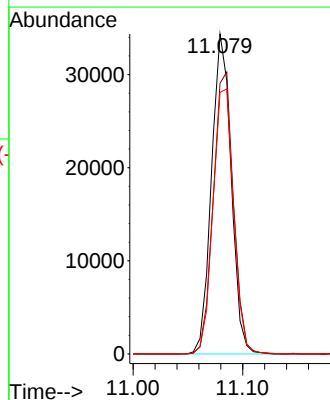
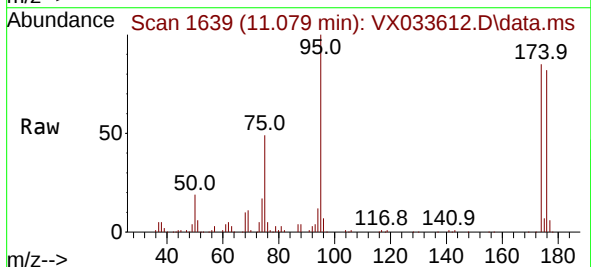
Tgt Ion: 95 Resp: 42824

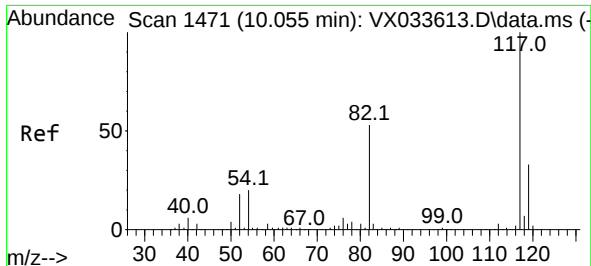
Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.4

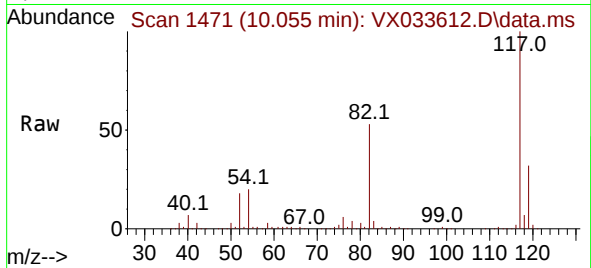
176 87.1 0.0 176.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

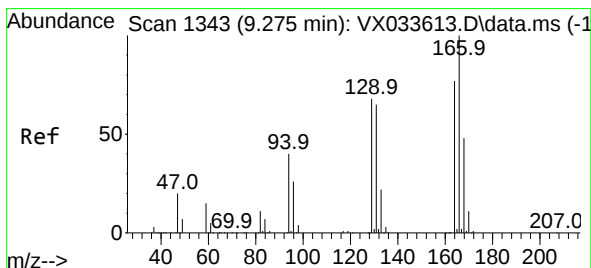
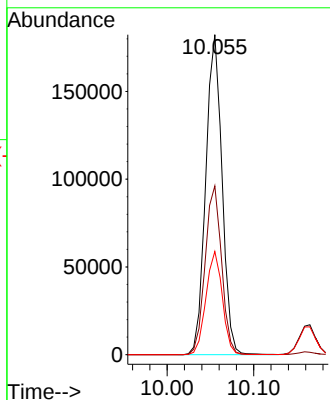
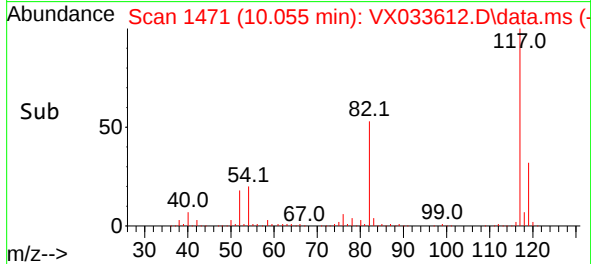
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 23856
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.3 26.2 39.4

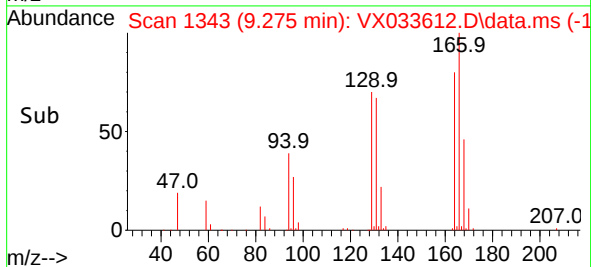
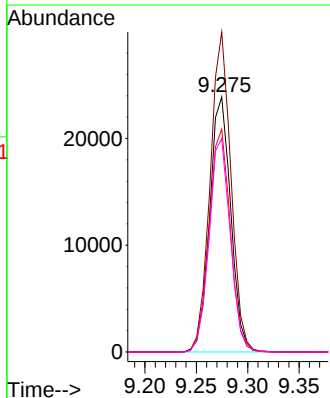
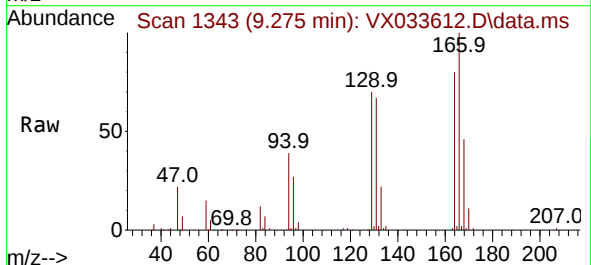
Manual Integrations
APPROVED

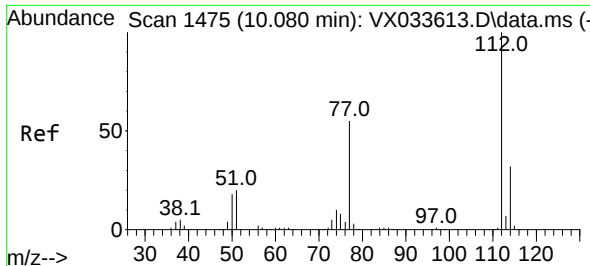
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#64
Tetrachloroethene
Concen: 19.386 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion:164 Resp: 34036
Ion Ratio Lower Upper
164 100
166 125.6 103.4 155.0
129 87.5 70.0 105.0
131 83.7 67.3 100.9





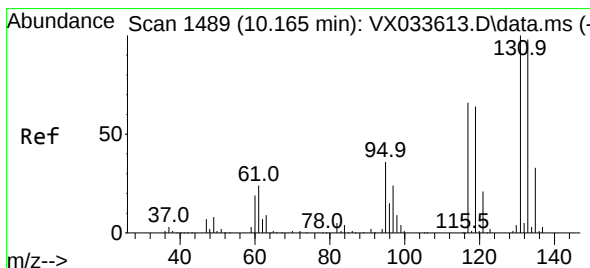
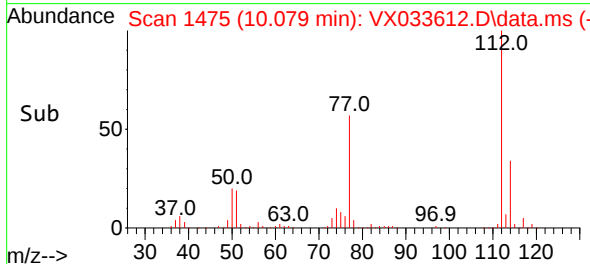
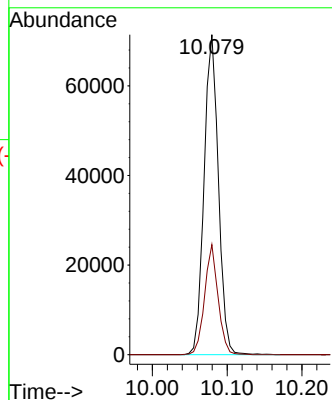
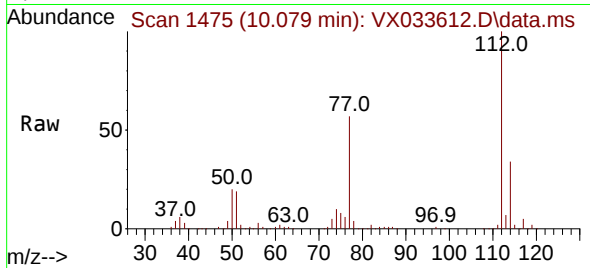
#65
Chlorobenzene
Concen: 19.478 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 95092
Ion Ratio Lower Upper
112 100
114 34.4 25.8 38.6

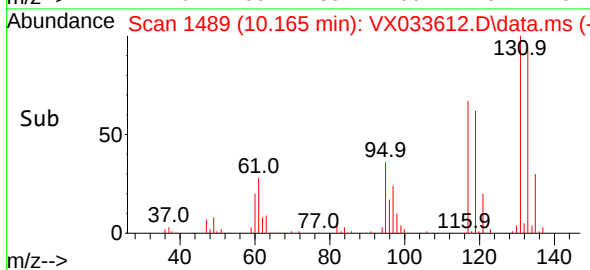
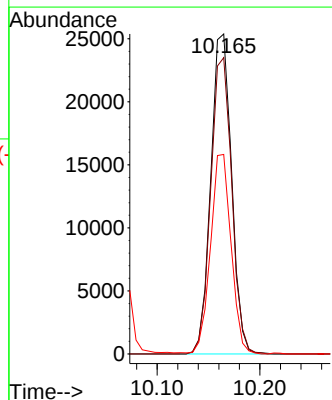
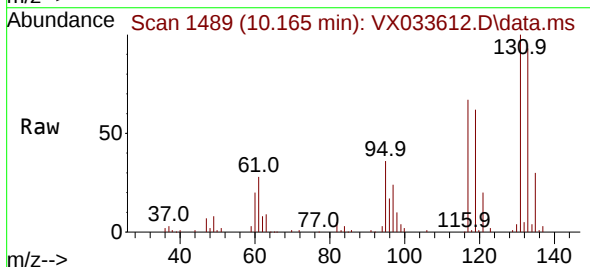
Manual Integrations
APPROVED

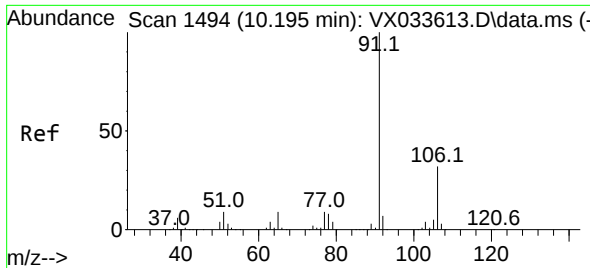
Reviewed By :John Carbone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.513 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

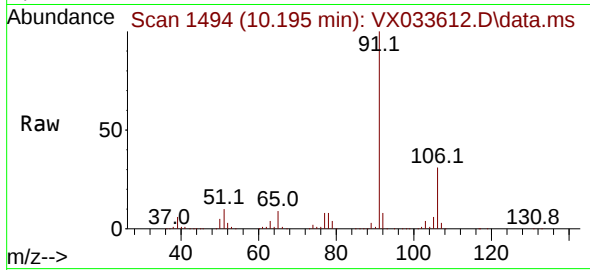
Tgt Ion:131 Resp: 35610
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.2
119 61.7 31.4 94.3





#67
Ethyl Benzene
Concen: 19.728 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

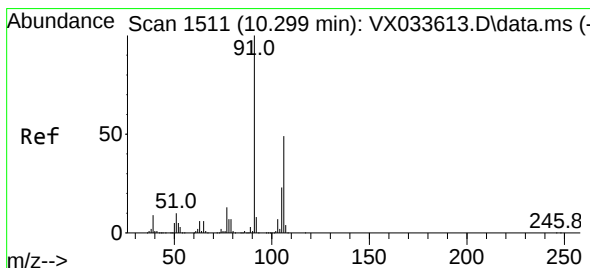
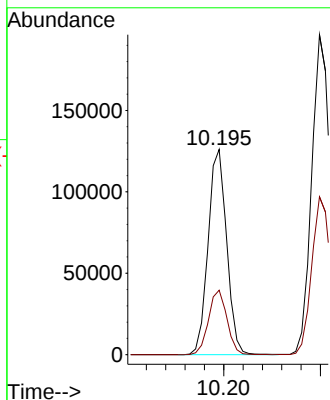
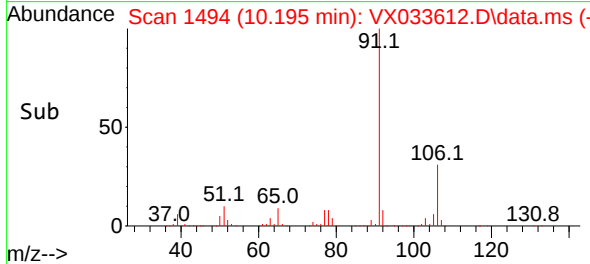
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 168110
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9

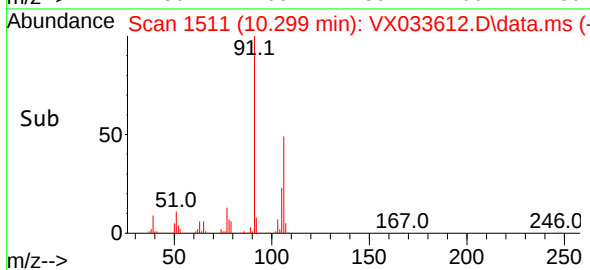
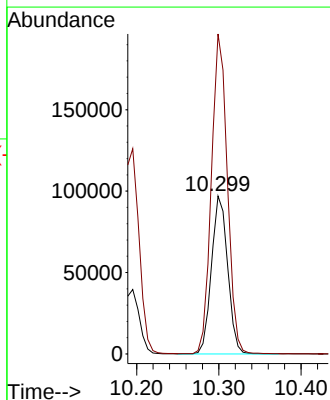
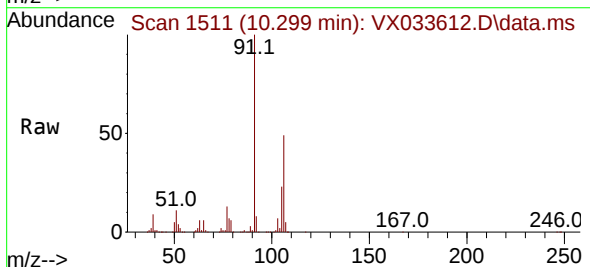
Manual Integrations
APPROVED

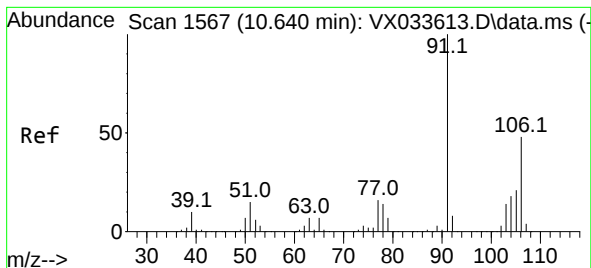
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#68
m/p-Xylenes
Concen: 39.863 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion:106 Resp: 132573
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4





#69

o-Xylene

Concen: 19.510 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:106 Resp: 6433

Ion Ratio Lower Upper

106 100

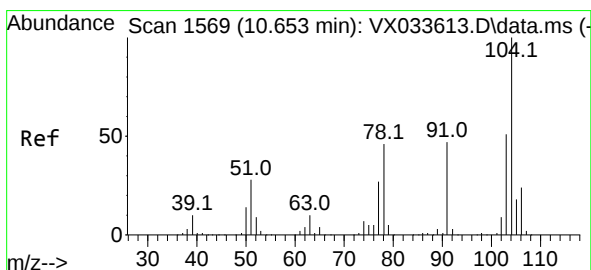
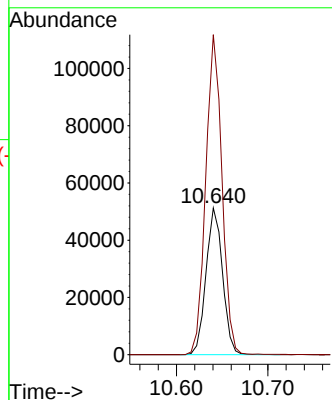
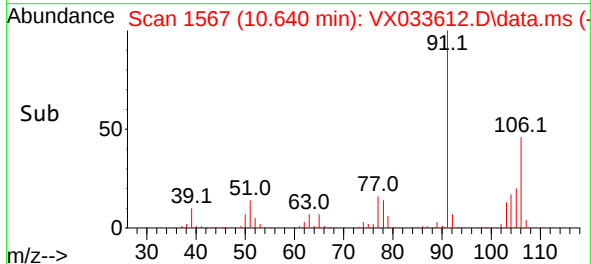
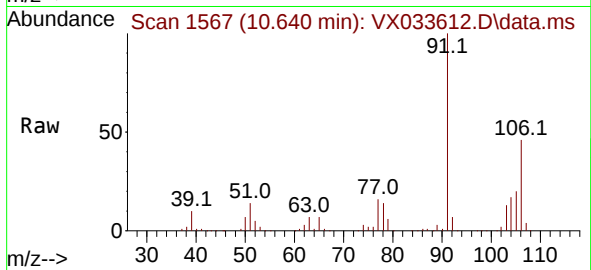
91 214.0 104.1 312.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#70

Styrene

Concen: 19.576 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

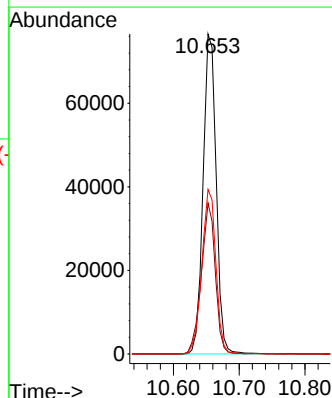
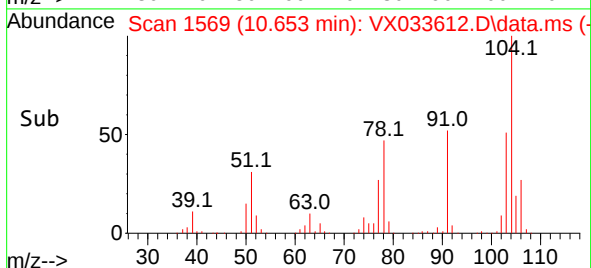
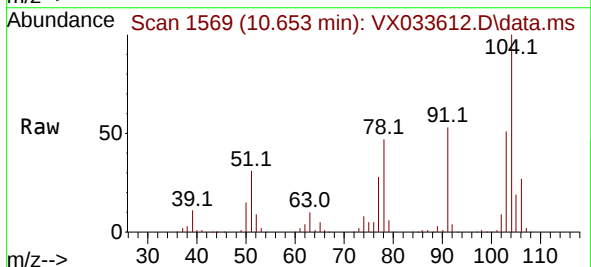
Tgt Ion:104 Resp: 106040

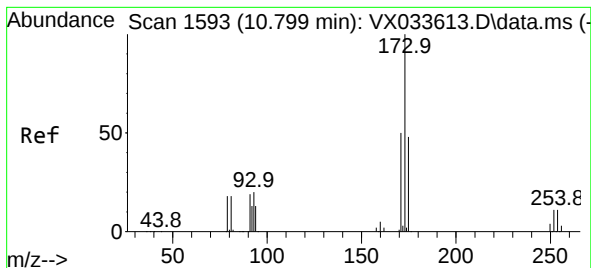
Ion Ratio Lower Upper

104 100

78 50.2 39.3 58.9

103 55.3 43.3 64.9





#71

Bromoform

Concen: 19.422 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

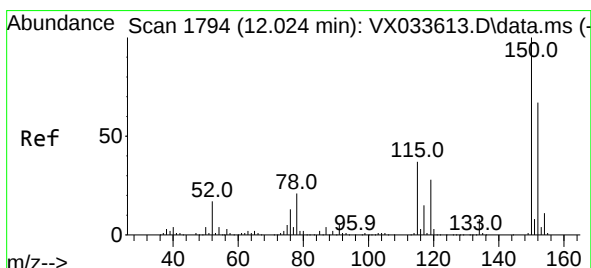
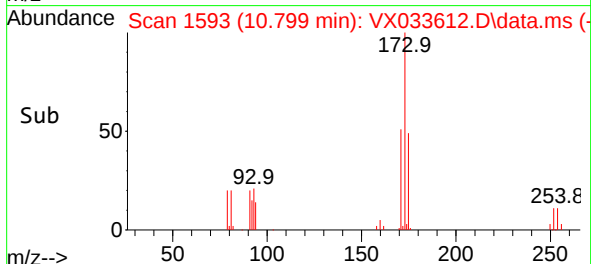
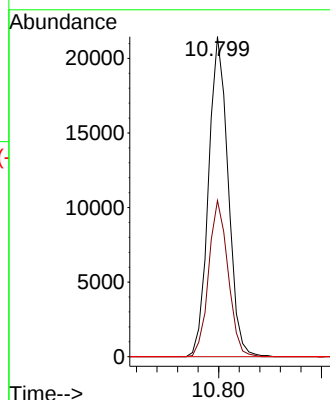
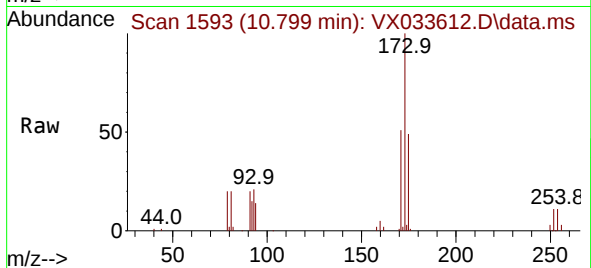
Tgt Ion:	173	Resp:	2837
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.8	71.5
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

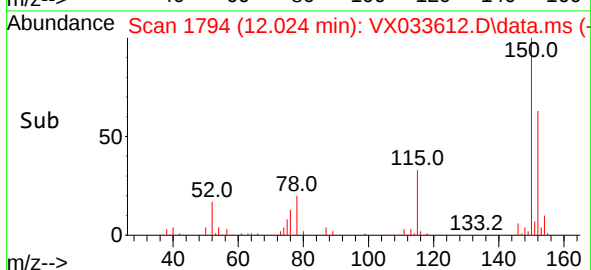
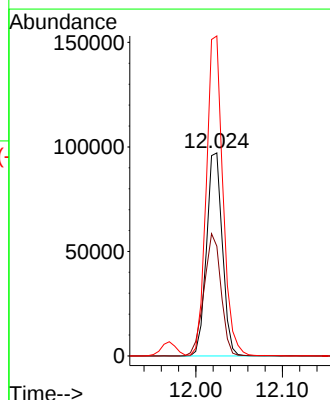
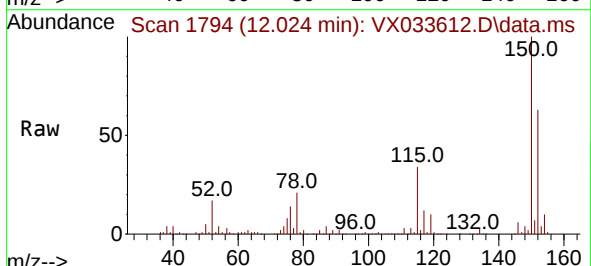
RT: 12.024 min Scan# 1794

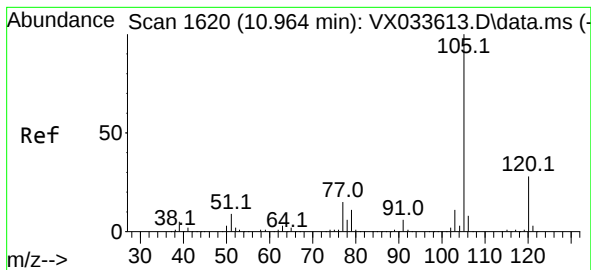
Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion:	152	Resp:	123572
Ion Ratio	Lower	Upper	
152	100		
115	64.6	38.5	115.5
150	164.9	0.0	340.4





#73

Isopropylbenzene

Concen: 19.434 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 16960

Ion Ratio Lower Upper

105 100

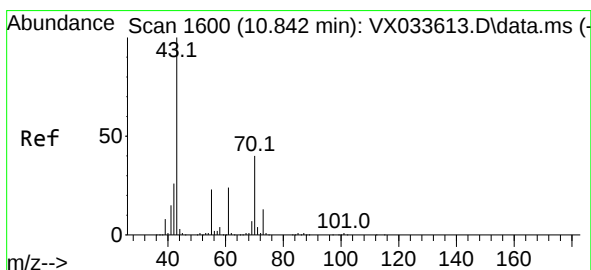
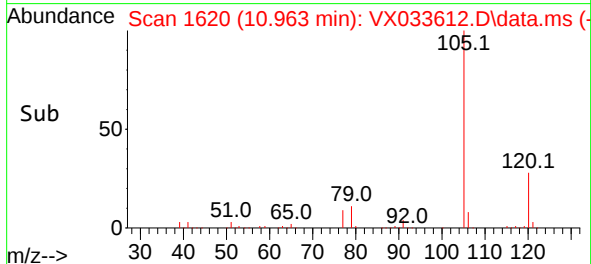
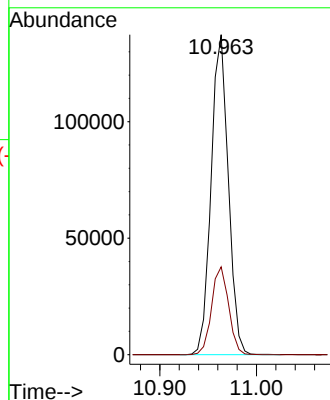
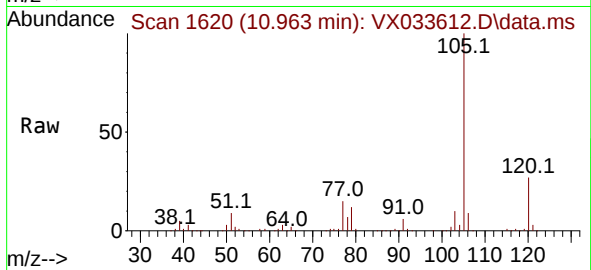
120 27.2 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#74

N-ethyl acetate

Concen: 19.492 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion: 43 Resp: 68927

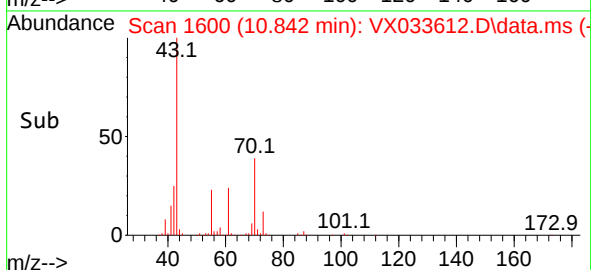
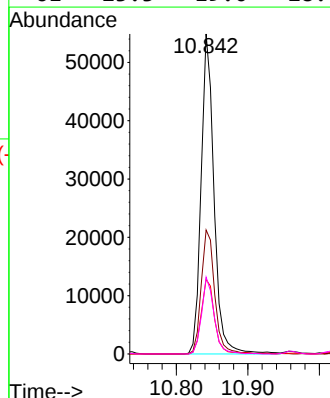
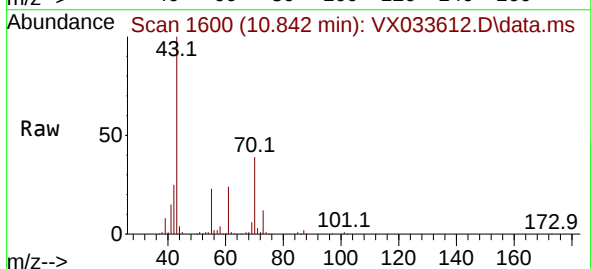
Ion Ratio Lower Upper

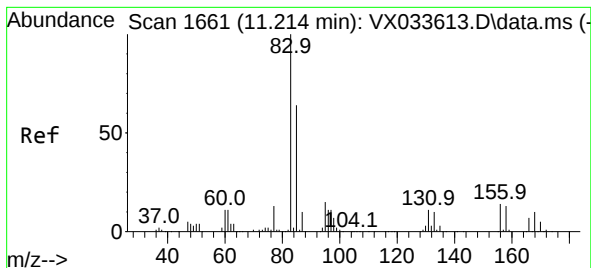
43 100

70 40.7 33.4 50.0

55 24.1 18.6 27.8

61 23.3 19.0 28.6





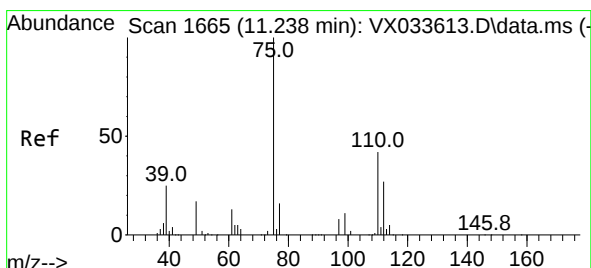
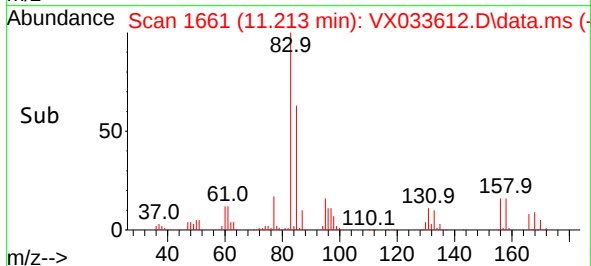
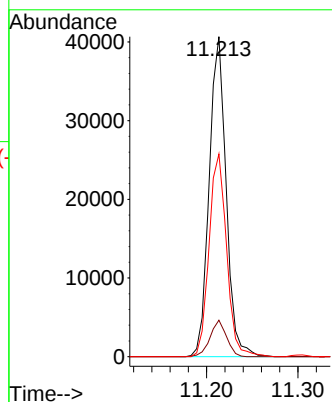
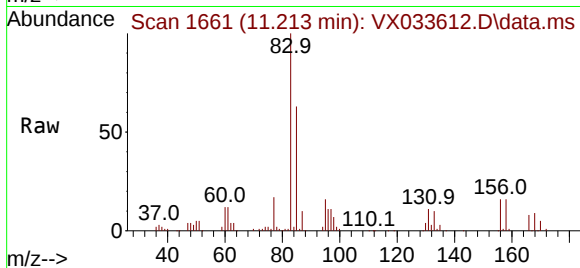
#75
1,1,2,2-Tetrachloroethane
Concen: 19.247 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5235
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.5
85 65.5 32.1 96.5

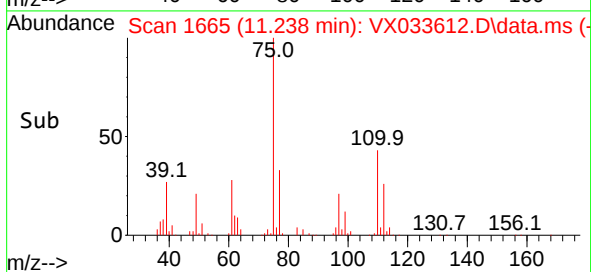
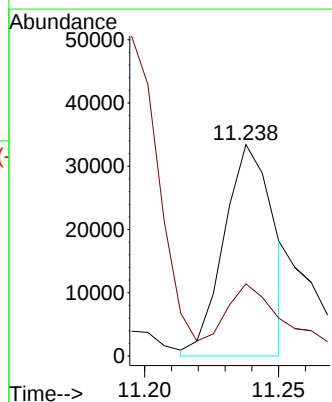
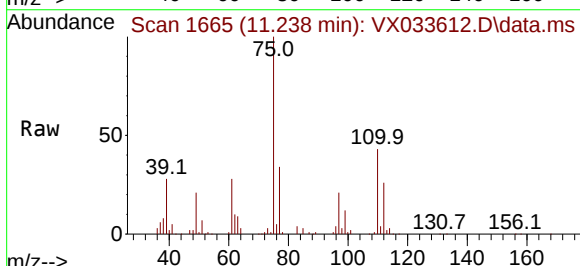
Manual Integrations
APPROVED

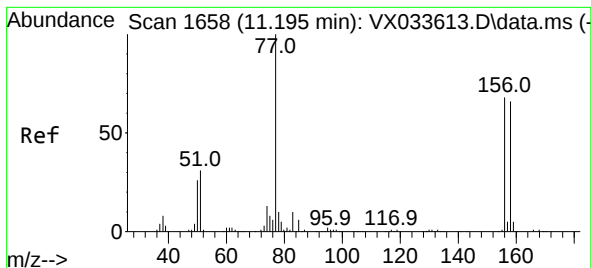
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#76
1,2,3-Trichloropropane
Concen: 18.828 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Tgt Ion: 75 Resp: 42625
Ion Ratio Lower Upper
75 100
77 42.7 21.3 63.9





#77

Bromobenzene

Concen: 19.420 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

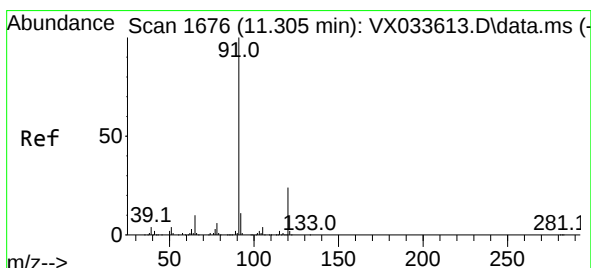
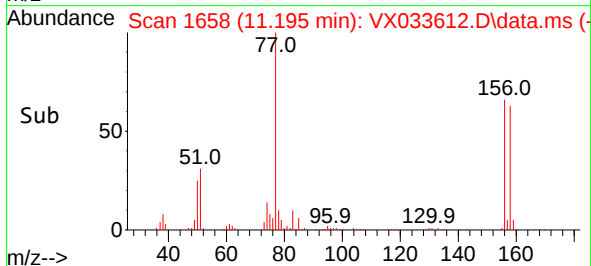
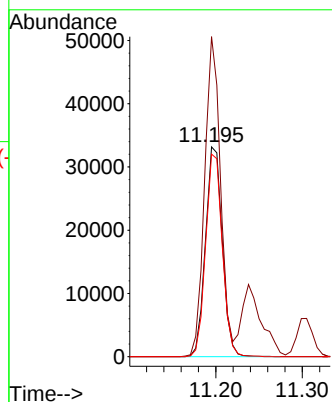
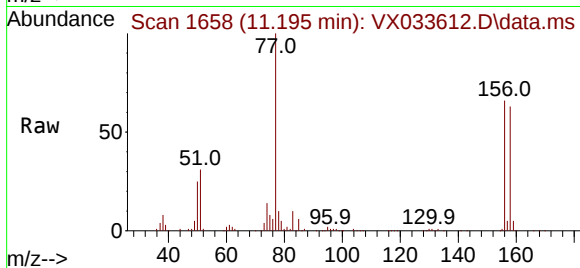
Tgt Ion:	156	Resp:	4486
Ion Ratio	Lower	Upper	
156	100		
77	143.4	70.9	212.6
158	95.5	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#78

n-propylbenzene

Concen: 19.603 ug/l

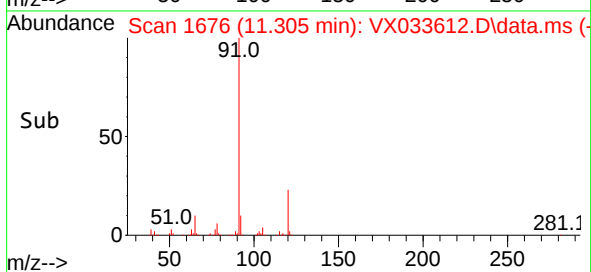
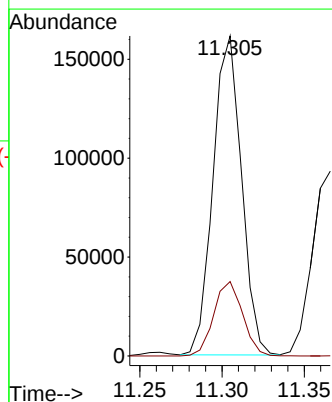
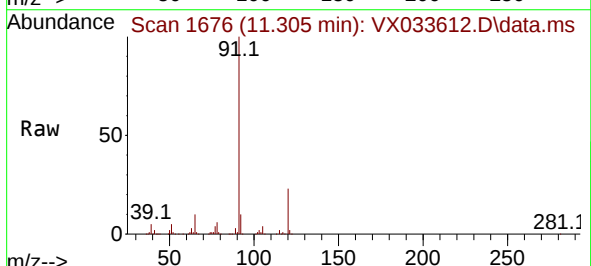
RT: 11.305 min Scan# 1676

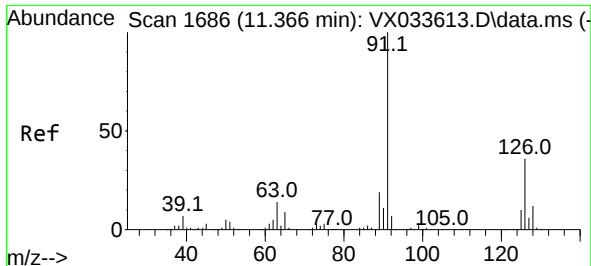
Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion:	91	Resp:	193941
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.2	36.6





#79

2-Chlorotoluene

Concen: 19.555 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 11619

Ion Ratio Lower Upper

91 100

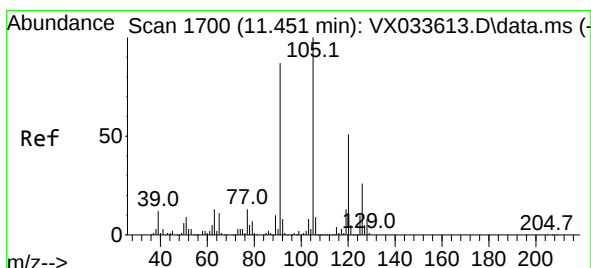
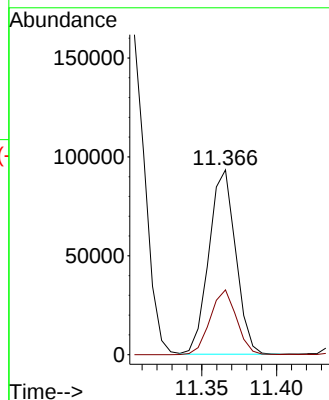
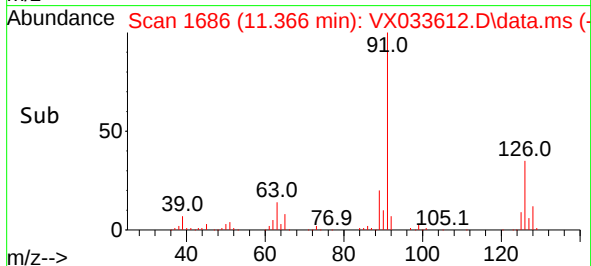
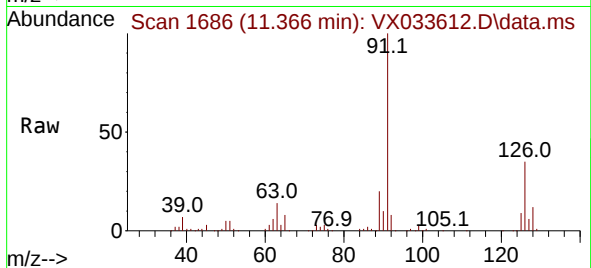
126 34.6 17.6 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.737 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033612.D

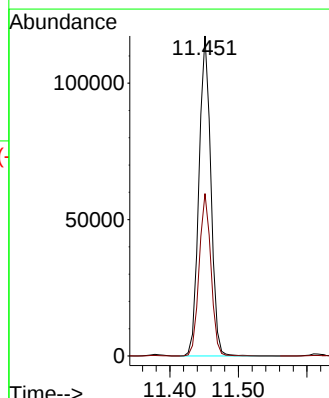
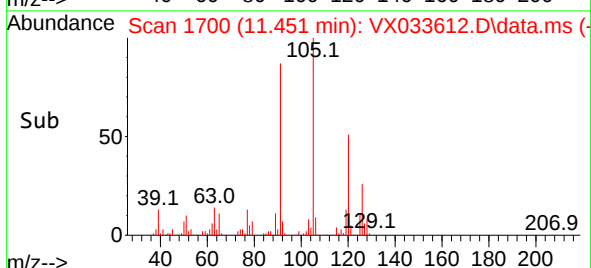
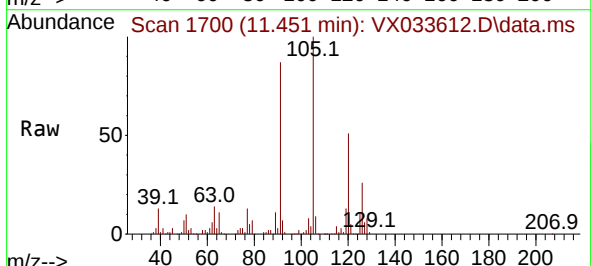
Acq: 04 Jan 2023 11:49

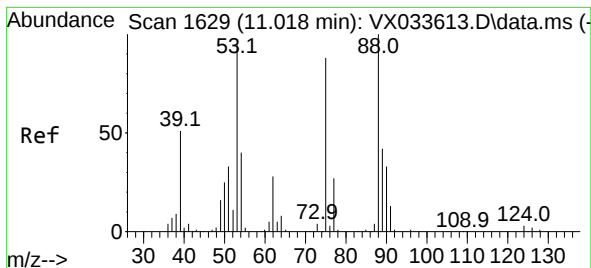
Tgt Ion:105 Resp: 141809

Ion Ratio Lower Upper

105 100

120 50.3 25.5 76.5





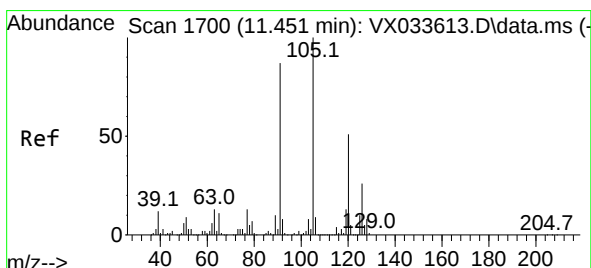
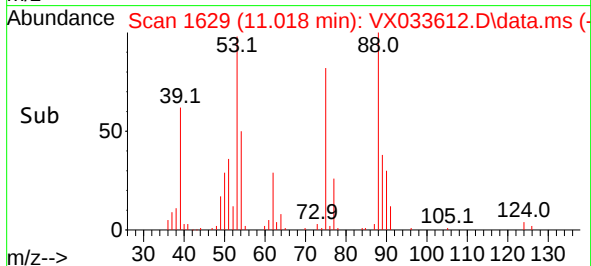
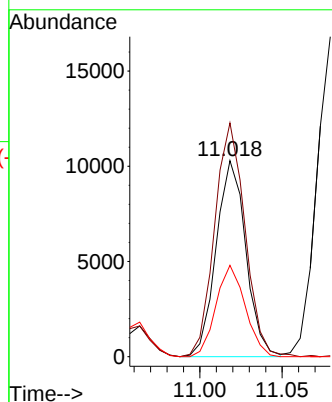
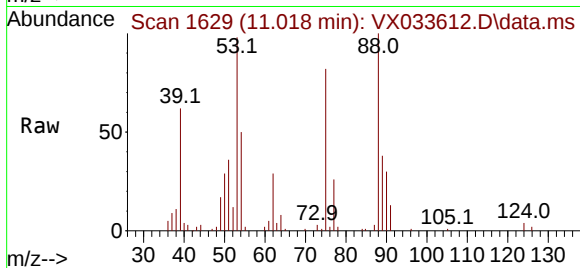
#81
trans-1,4-Dichloro-2-butene
Concen: 17.344 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 1293
Ion Ratio Lower Upper
75 100
53 121.8 86.4 129.6
89 45.8 37.4 56.2

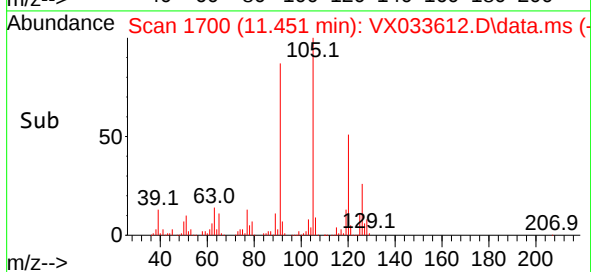
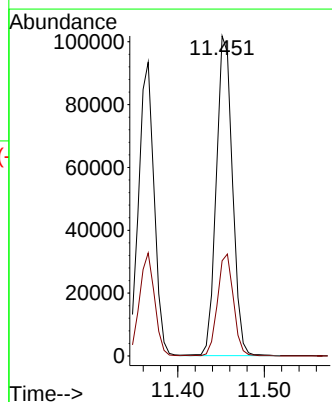
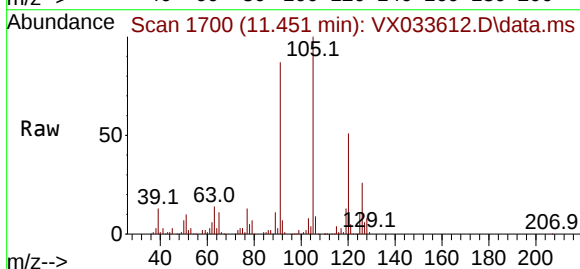
Manual Integrations
APPROVED

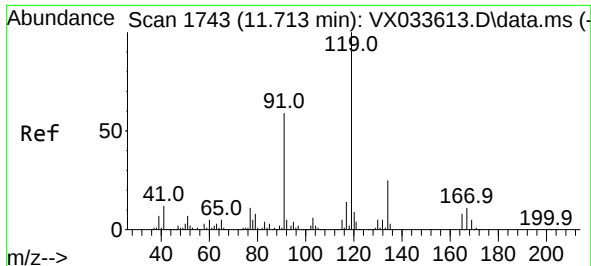
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#82
4-Chlorotoluene
Concen: 19.252 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

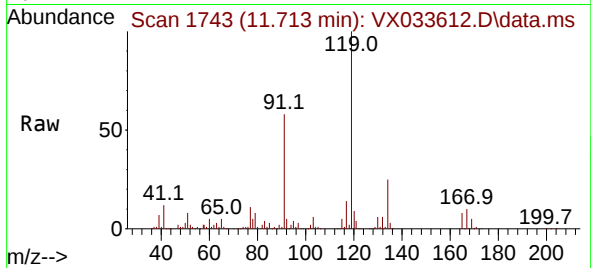
Tgt Ion: 91 Resp: 132262
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0





#83
tert-Butylbenzene
Concen: 19.543 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

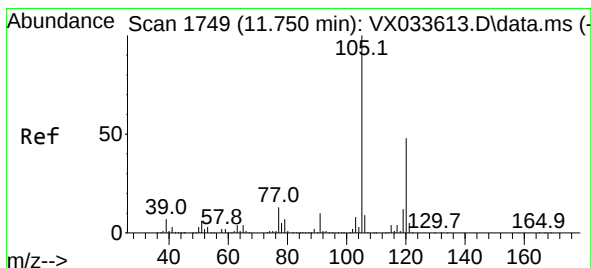
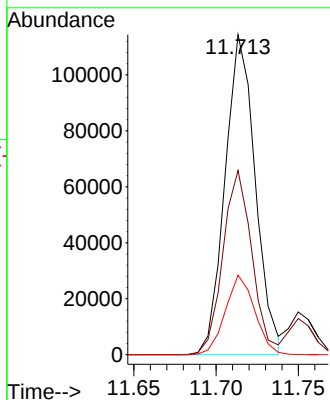
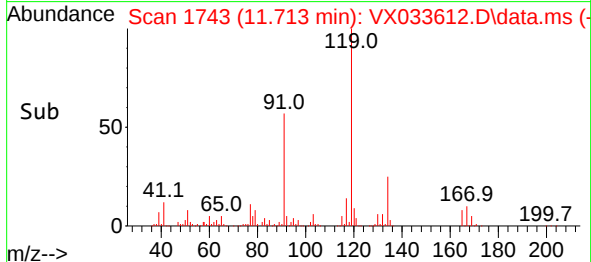
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



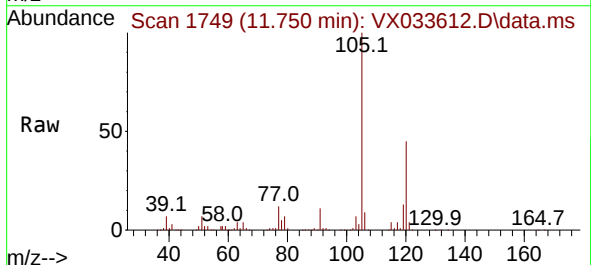
Tgt Ion:119 Resp: 146500
Ion Ratio Lower Upper
119 100
91 55.3 27.9 83.6
134 24.1 12.2 36.6

Manual Integrations
APPROVED

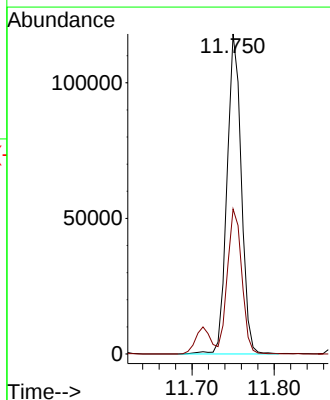
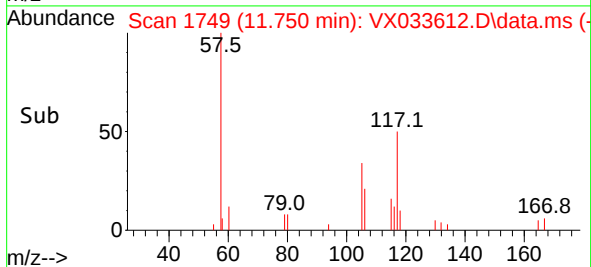
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

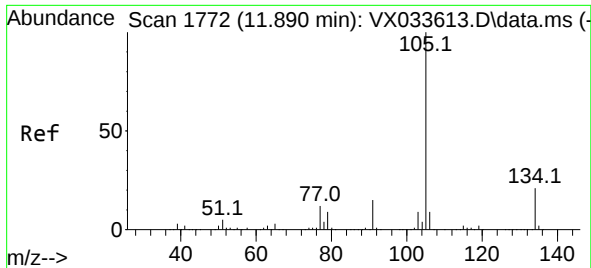


#84
1,2,4-Trimethylbenzene
Concen: 19.757 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49



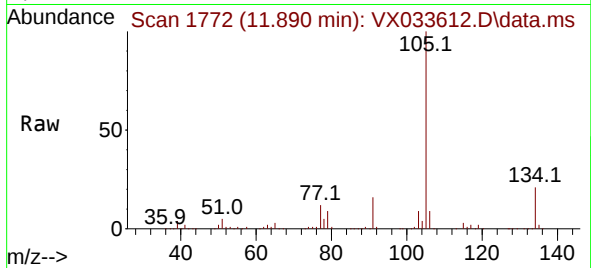
Tgt Ion:105 Resp: 142439
Ion Ratio Lower Upper
105 100
120 45.3 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 19.781 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033612.D
 Acq: 04 Jan 2023 11:49

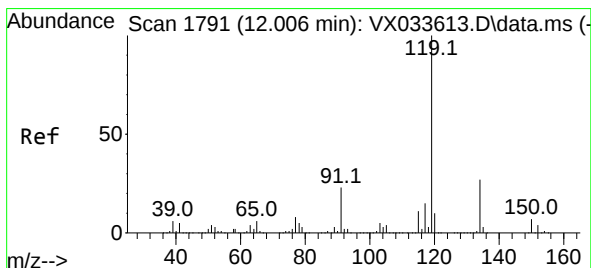
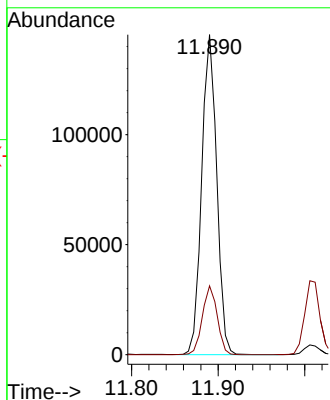
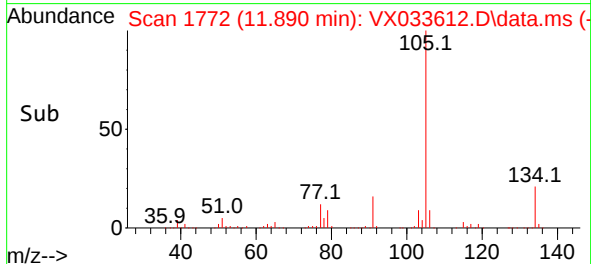
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



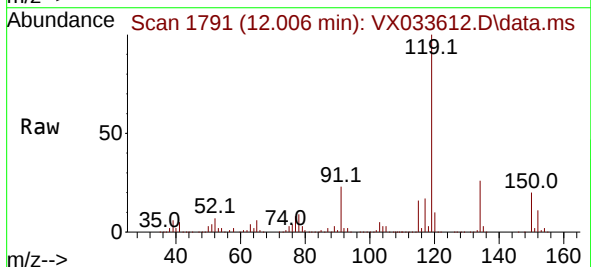
Tgt Ion:105 Resp: 17518
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.8 32.4

Manual Integrations
 APPROVED

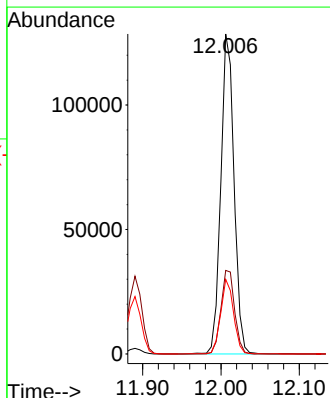
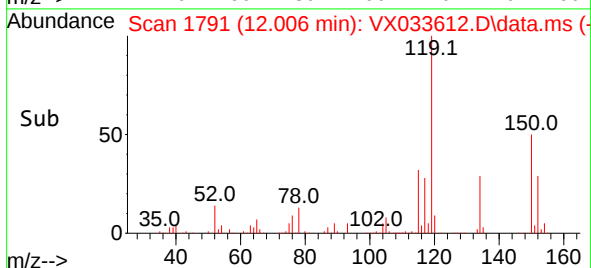
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023

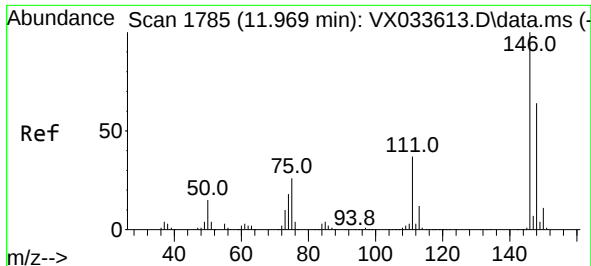


#86
 p-Isopropyltoluene
 Concen: 20.017 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033612.D
 Acq: 04 Jan 2023 11:49



Tgt Ion:119 Resp: 151485
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.352 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 8046

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.5

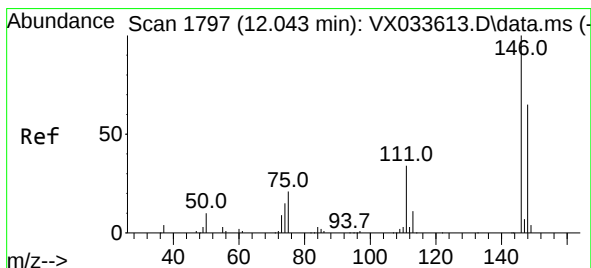
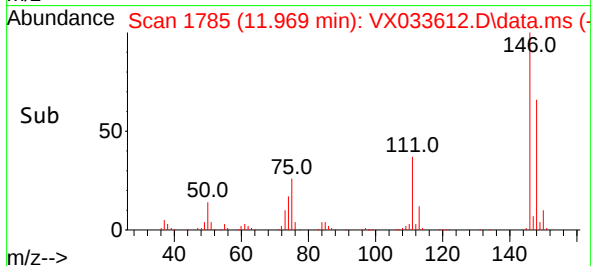
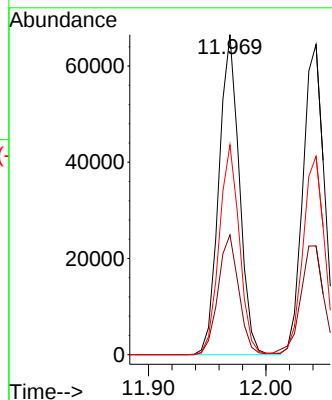
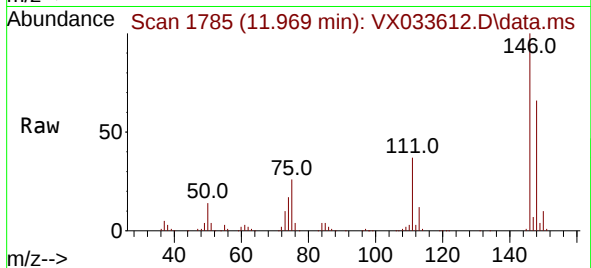
148 64.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#88

1,4-Dichlorobenzene

Concen: 20.090 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

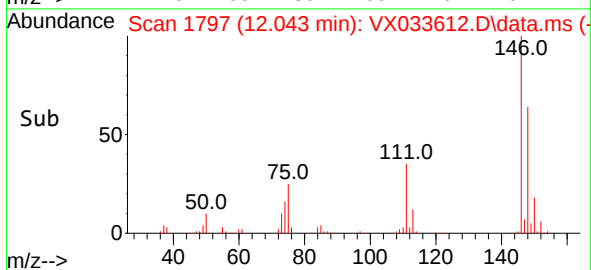
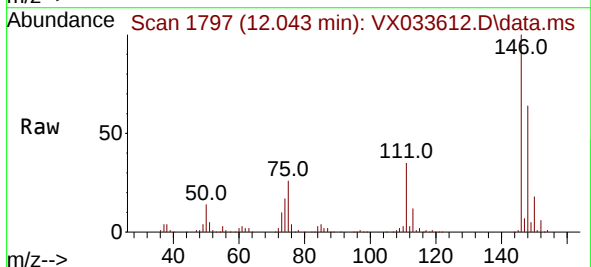
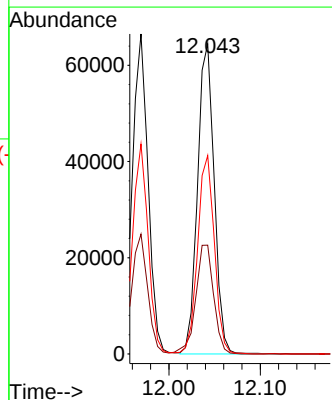
Tgt Ion:146 Resp: 81711

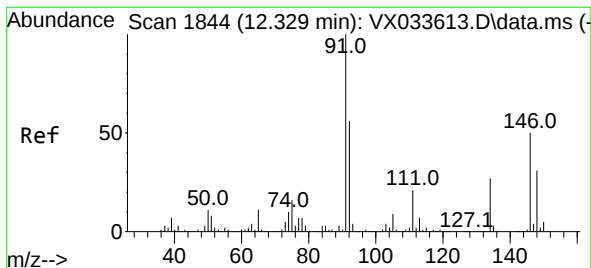
Ion Ratio Lower Upper

146 100

111 37.8 18.2 54.6

148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 19.445 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 123064

Ion Ratio Lower Upper

91 100

92 55.3 27.6 82.7

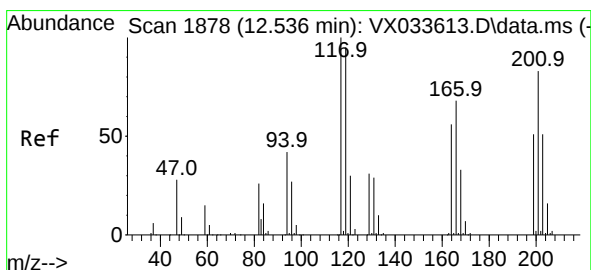
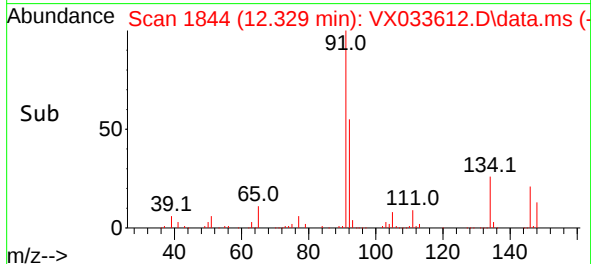
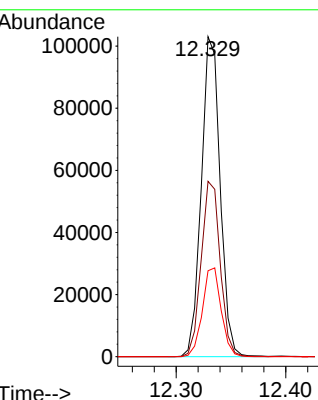
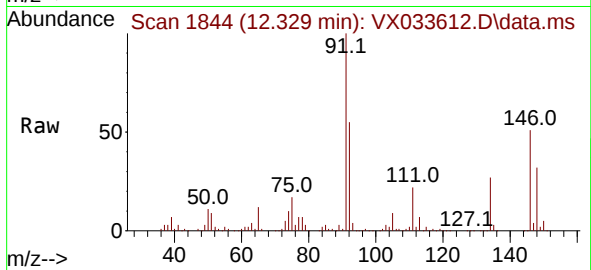
134 27.6 14.1 42.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#90

Hexachloroethane

Concen: 19.002 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX033612.D

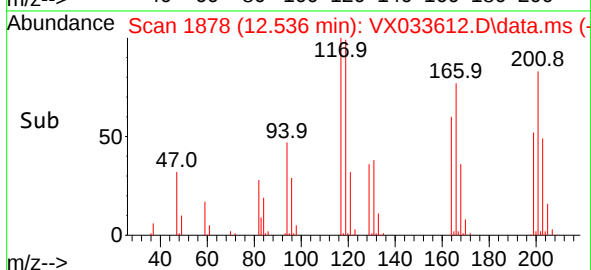
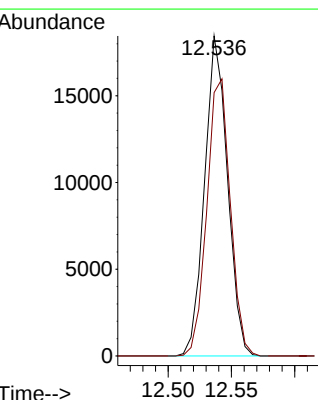
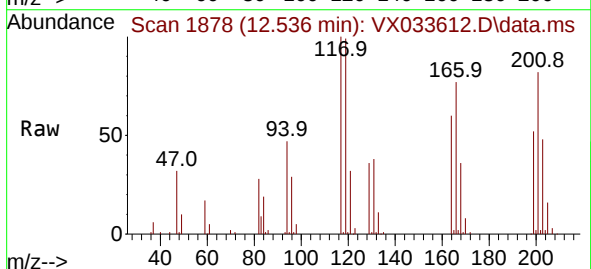
Acq: 04 Jan 2023 11:49

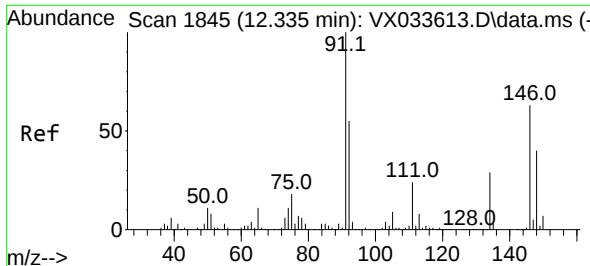
Tgt Ion:117 Resp: 23200

Ion Ratio Lower Upper

117 100

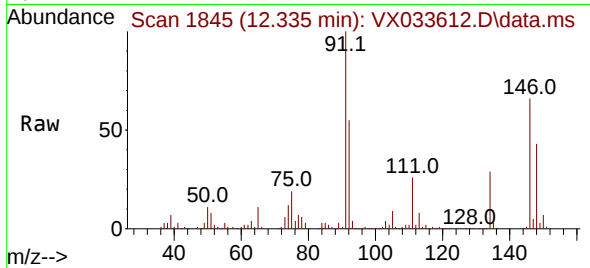
201 88.6 45.6 136.7





#91
1,2-Dichlorobenzene
Concen: 20.073 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49

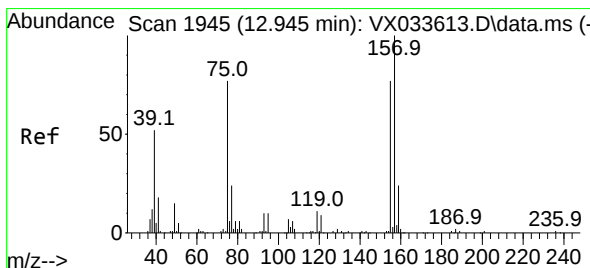
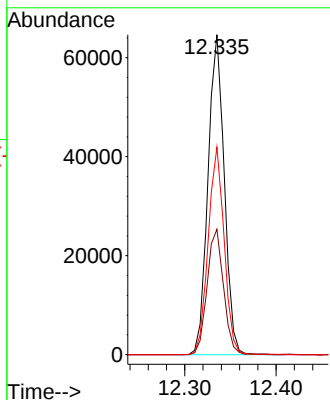
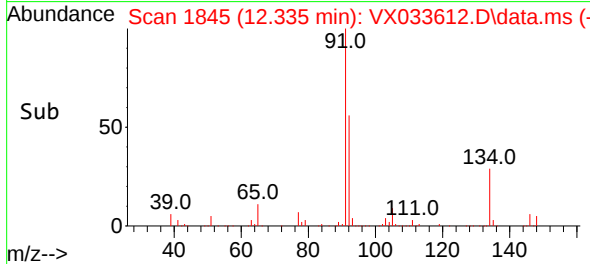
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



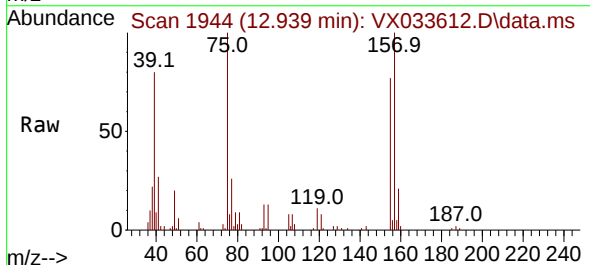
Tgt Ion:146 Resp: 79748
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 63.8 32.1 96.5

Manual Integrations
APPROVED

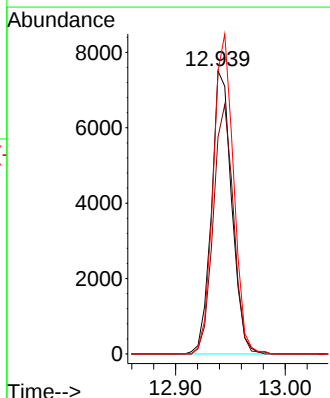
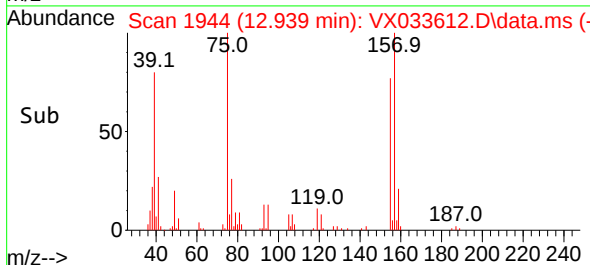
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

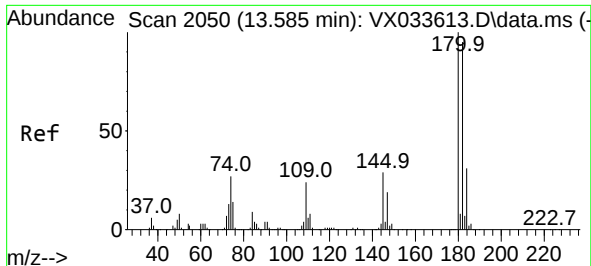


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.135 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033612.D
Acq: 04 Jan 2023 11:49



Tgt Ion: 75 Resp: 9678
Ion Ratio Lower Upper
75 100
155 87.5 48.4 145.0
157 112.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 15.948 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

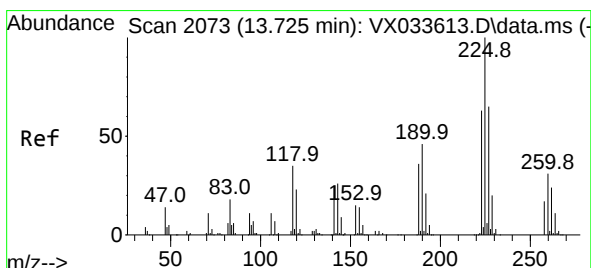
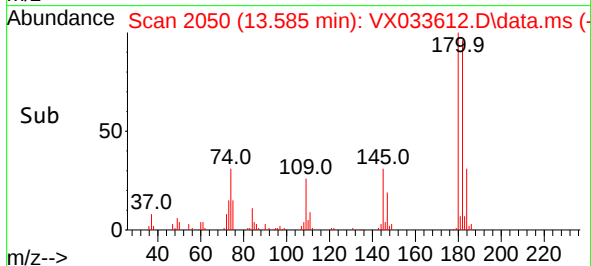
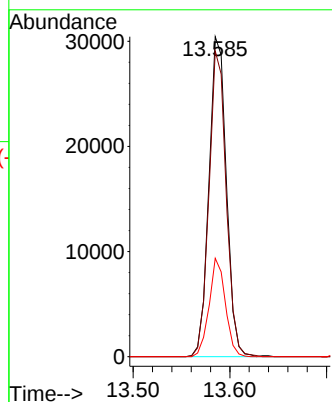
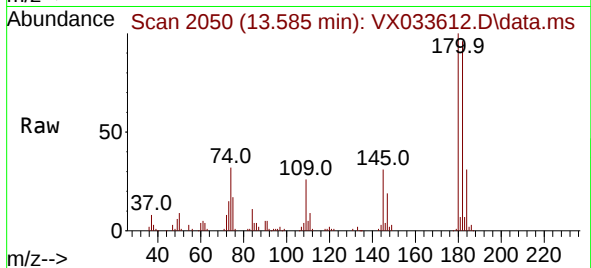
Tgt Ion:180	Resp:	38120
Ion Ratio	Lower	Upper
180	100	
182	94.4	47.4 142.2
145	28.7	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#94

Hexachlorobutadiene

Concen: 16.885 ug/l

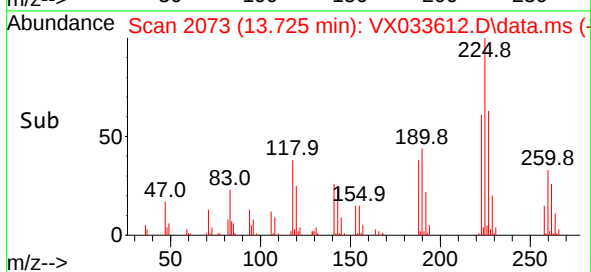
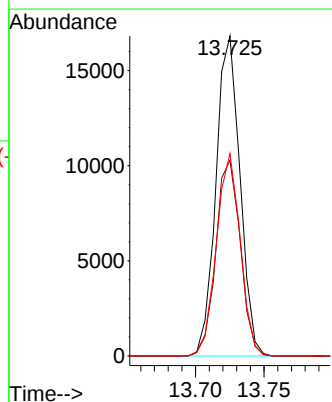
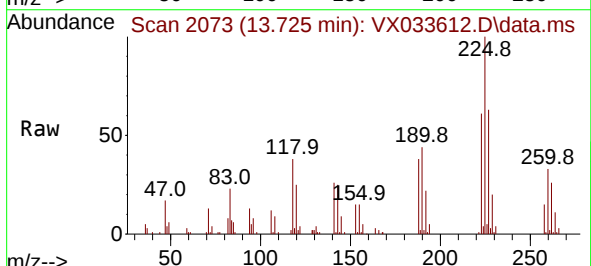
RT: 13.725 min Scan# 2073

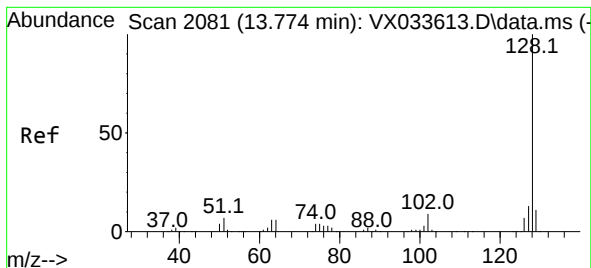
Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion:225	Resp:	20494
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.4 94.3
227	63.0	31.9 95.5





#95

Naphthalene

Concen: 17.936 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

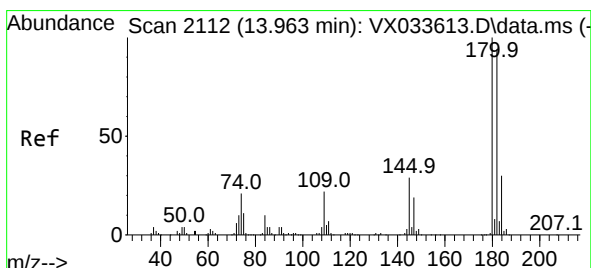
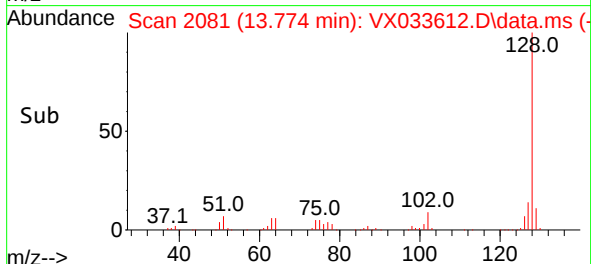
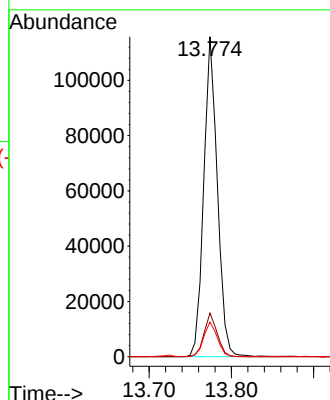
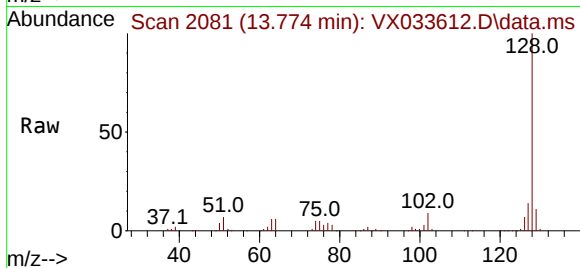
Tgt Ion:128	Resp: 13304
Ion Ratio	Lower Upper
128 100	
127 13.1	10.3 15.5
129 10.9	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.003 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033612.D

Acq: 04 Jan 2023 11:49

Tgt Ion:180	Resp: 36392
Ion Ratio	Lower Upper
180 100	
182 97.7	47.2 141.6
145 29.6	15.0 45.0

