

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033367.D
 Acq On : 12 Dec 2022 12:07
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 12 12:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:25:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	14089	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	100775	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	111395	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35918	26.426	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.100%#		
60) 4-Bromofluorobenzene	11.079	95	60484	28.385	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.633%		
63) Toluene-d8	8.653	98	108812	28.944	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.467%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	151049	121.138	ug/l	98
3) Chloromethane	1.295	50	156250	126.277	ug/l	98
4) Vinyl Chloride	1.374	62	184289	131.719	ug/l	99
5) Bromomethane	1.618	94	132335	106.540	ug/l	98
6) Chloroethane	1.691	64	115127	104.178	ug/l	92
7) Trichlorofluoromethane	1.886	101	343179	127.241	ug/l	100
8) Diethyl Ether	2.136	74	83589	95.857	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	136591	95.207	ug/l	97
10) 1,1-Dichloroethene	2.319	96	130448	95.177	ug/l	95
11) Methyl Iodide	2.453	142	172562	117.111	ug/l	95
12) Methyl Acetate	2.703	43	257427	126.793	ug/l	90
13) Acrolein	2.240	56	155436	574.114	ug/l	98
14) Acrylonitrile	3.069	53	467095	641.772	ug/l	99
15) Acetone	2.392	58	104351	551.368	ug/l	97
16) Carbon Disulfide	2.514	76	418124	122.548	ug/l	98
17) Allyl chloride	2.666	41	294830	135.381	ug/l	94
18) Methylene Chloride	2.794	84	207093	131.018	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	212989	141.071	ug/l	89
20) Diisopropyl ether	3.758	45	607014	124.304	ug/l	92
21) 1,1-Dichloroethane	3.611	63	363930	132.757	ug/l	96
22) cis-1,2-Dichloroethene	4.489	96	248399	140.909	ug/l	93
23) tert-Butyl Alcohol	3.093	59	181771m	769.176	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	655033	133.467	ug/l	96
25) Chloroform	5.093	83	403782	132.063	ug/l	98
26) Cyclohexane	5.471	56	315393	131.744	ug/l #	87
29) 1,1-Dichloropropene	5.696	75	293136	131.156	ug/l	98
30) 2-Butanone	4.562	43	656662	630.114	ug/l	94
31) 2,2-Dichloropropane	4.477	77	309564	161.951	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	372270	132.414	ug/l	97
33) Carbon Tetrachloride	5.678	117	336599	136.359	ug/l	99
34) Benzene	6.044	78	839317	133.281	ug/l	98
35) Methacrylonitrile	4.922	41	142644	120.853	ug/l	95
36) 1,2-Dichloroethane	6.086	62	306511	118.231	ug/l	95
37) Trichloroethene	7.129	130	244791	138.948	ug/l	96
38) Methylcyclohexane	7.385	83	349795	139.685	ug/l	91
39) 1,2-Dichloropropane	7.434	63	211257	132.532	ug/l	96
40) Dibromomethane	7.580	93	158755	130.444	ug/l	98
41) Bromodichloromethane	7.824	83	323426	139.425	ug/l	98
42) Vinyl Acetate	3.727	43	2408447	601.452	ug/l	94

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 MSVOA_X
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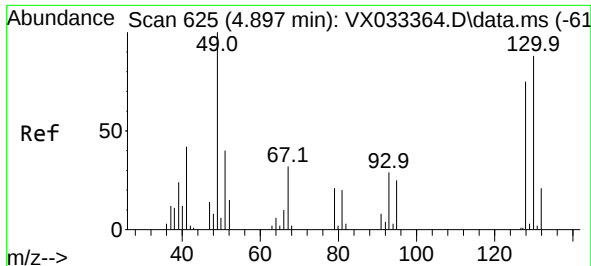
Manual Integrations
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 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 12 12:33:43 2022
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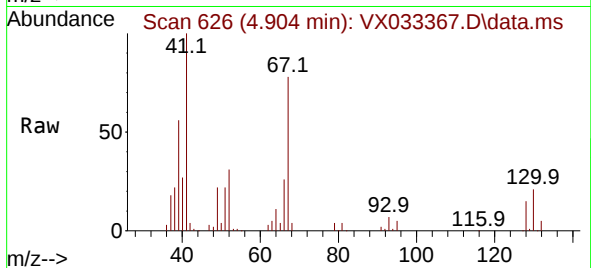
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	250585	119.533	ug/l #	87
44) Isopropyl Acetate	6.342	43	426200	121.316	ug/l	99
45) 1,4-Dioxane	7.708	88	92502	2741.237	ug/l	90
46) Methyl methacrylate	7.690	41	214405	121.231	ug/l	85
47) n-amyl Acetate	10.842	43	364096	116.580	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	347208	145.898	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	368514	146.650	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	225933	135.020	ug/l	96
51) Ethyl methacrylate	9.116	69	335123	134.099	ug/l	90
52) 1,3-Dichloropropane	9.311	76	359749	131.499	ug/l	100
53) Dibromochloromethane	9.525	129	269214	147.937	ug/l	99
54) 1,2-Dibromoethane	9.610	107	246605	136.816	ug/l	100
55) 2-Chloroethyl vinyl ether	8.245	63	780343	646.142	ug/l	95
56) Bromoform	10.799	173	197034	151.230	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	1240687	568.956	ug/l	97
59) 2-Hexanone	9.433	43	916779	571.007	ug/l	97
61) Tetrachloroethene	9.275	164	206433	132.600	ug/l	96
62) Toluene	8.720	91	960205	132.545	ug/l	99
64) Chlorobenzene	10.080	112	608007	135.753	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	239574	140.418	ug/l	99
66) Ethyl Benzene	10.195	91	1089917	134.111	ug/l	98
67) m/p-Xylenes	10.305	106	859974	271.954	ug/l	95
68) o-Xylene	10.640	106	416181	134.130	ug/l	96
69) Styrene	10.659	104	700610	135.817	ug/l	97
70) Isopropylbenzene	10.964	105	1091776	131.765	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	312574	124.394	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	274987m	126.005	ug/l	
73) Bromobenzene	11.201	156	270790	134.529	ug/l	91
74) n-propylbenzene	11.305	91	1260700	133.914	ug/l	97
75) 2-Chlorotoluene	11.366	91	736855	129.274	ug/l	95
76) 1,3,5-Trimethylbenzene	11.451	105	917996	131.057	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	105207	157.982	ug/l	91
78) 4-Chlorotoluene	11.457	91	853056	129.925	ug/l	96
79) tert-butylbenzene	11.713	119	902608	132.599	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	894679	130.637	ug/l	96
81) sec-Butylbenzene	11.890	105	1090387	133.053	ug/l	97
82) p-Isopropyltoluene	12.012	119	931536	134.879	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	494851	134.000	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	497288	134.094	ug/l	99
85) n-Butylbenzene	12.335	91	809057	138.214	ug/l	97
86) Hexachloroethane	12.543	117	168900	148.969	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	478636	130.377	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	71289	133.725	ug/l	90
89) 1,2,4-Trichlorobenzene	13.585	180	324459	143.908	ug/l	99
90) Hexachlorobutadiene	13.725	225	129576	142.791	ug/l	100
91) Naphthalene	13.774	128	1042306	136.968	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	320319	141.258	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

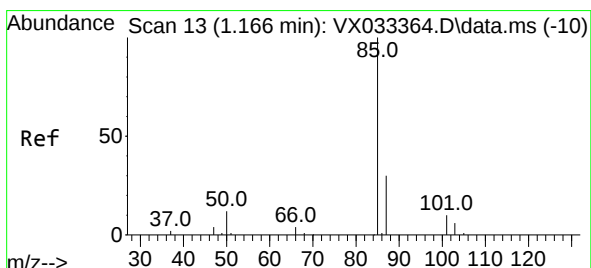
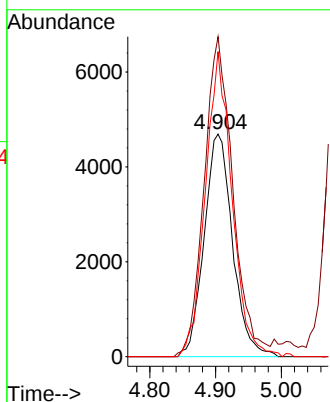
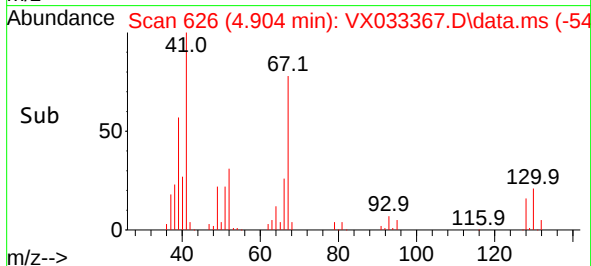
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 14089
Ion Ratio Lower Upper
128 100
49 145.4 0.0 293.0
130 129.1 0.0 321.5

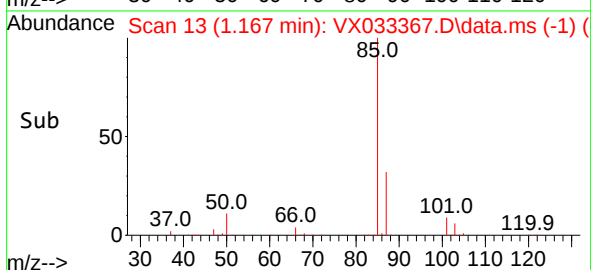
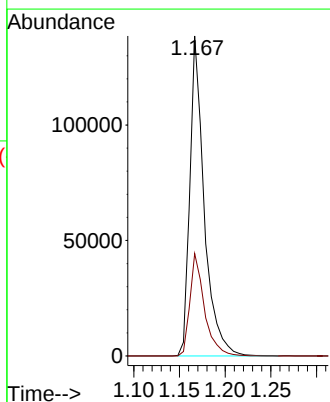
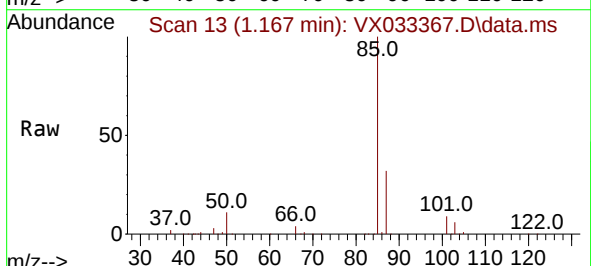
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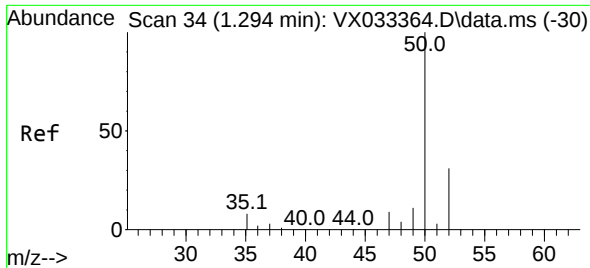
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 121.138 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion: 85 Resp: 151049
Ion Ratio Lower Upper
85 100
87 32.0 16.5 49.5





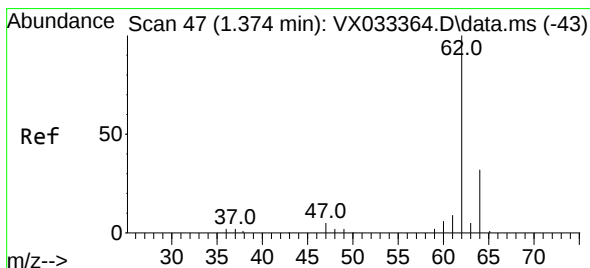
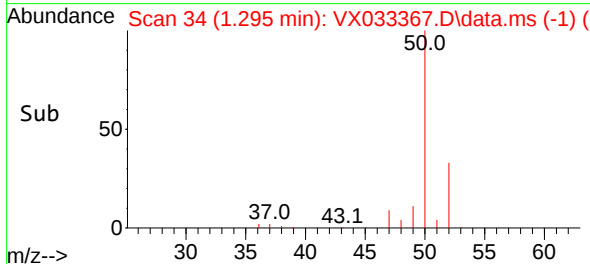
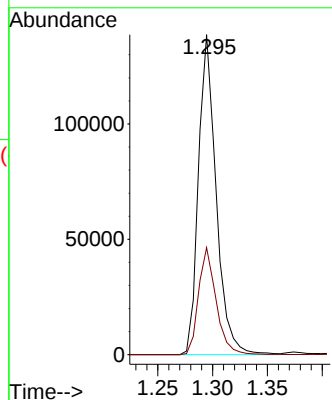
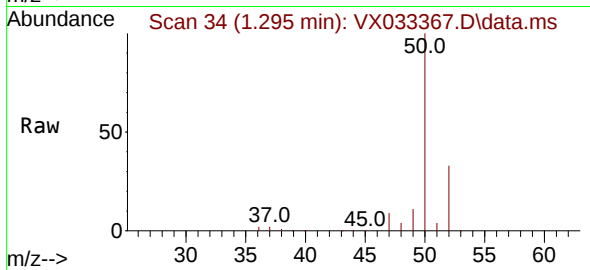
#3
Chloromethane
Concen: 126.277 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 156250
Ion Ratio Lower Upper
50 100
52 33.5 27.6 41.4

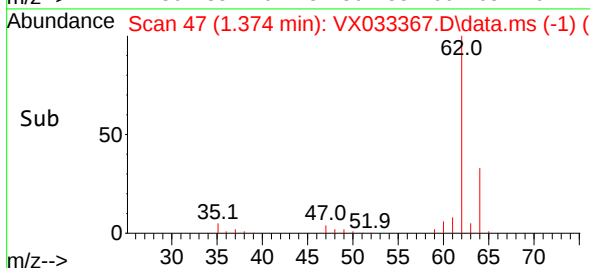
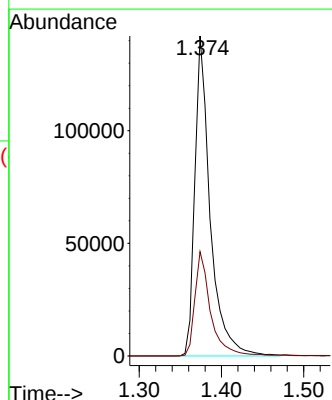
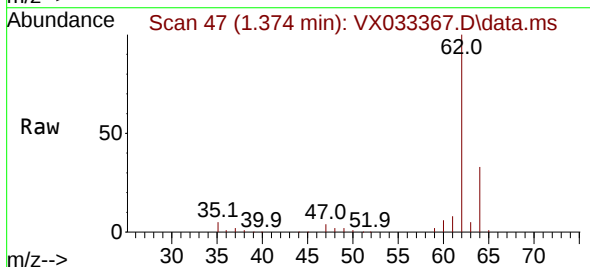
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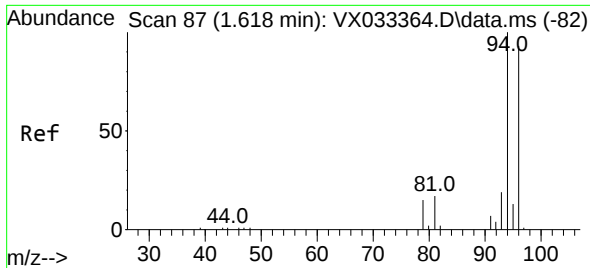
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#4
Vinyl Chloride
Concen: 131.719 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

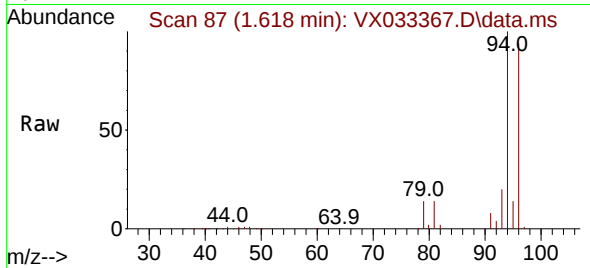
Tgt Ion: 62 Resp: 184289
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5





#5
Bromomethane
Concen: 106.540 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

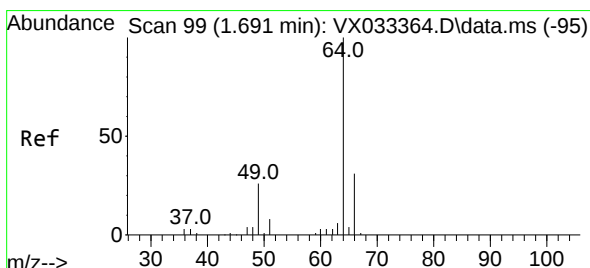
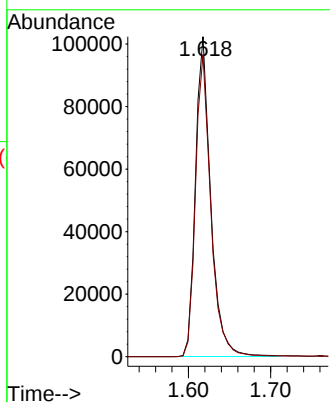
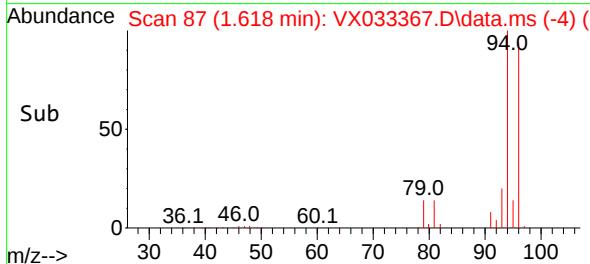
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 13233
Ion Ratio Lower Upper
94 100
96 94.3 76.8 115.2

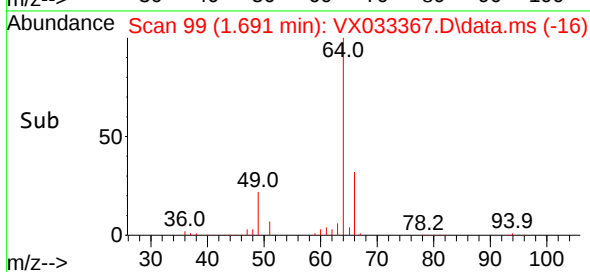
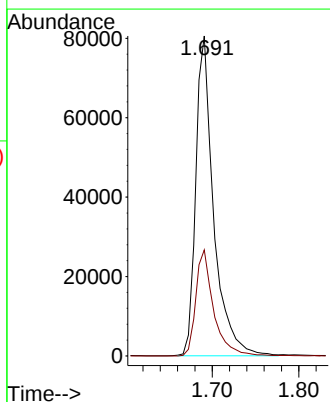
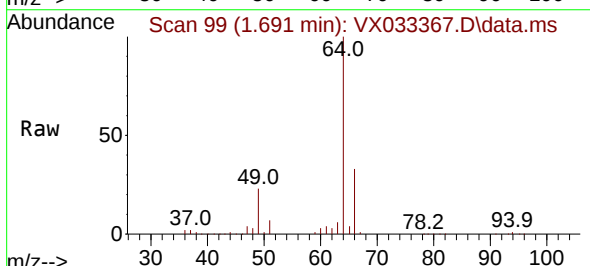
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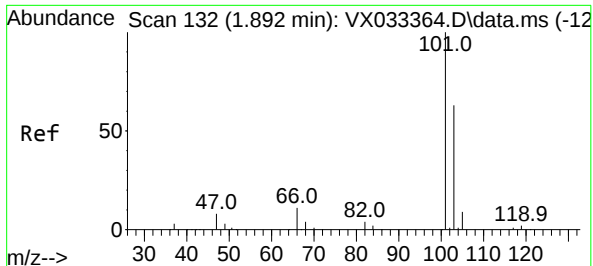
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#6
Chloroethane
Concen: 104.178 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

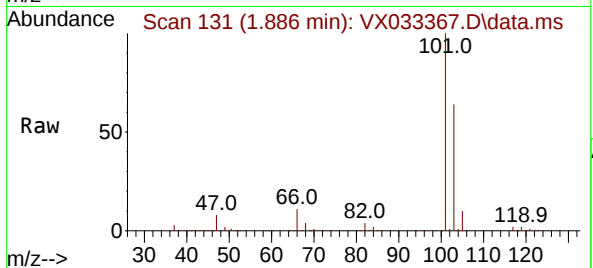
Tgt Ion: 64 Resp: 115127
Ion Ratio Lower Upper
64 100
66 33.2 30.6 46.0





#7
 Trichlorofluoromethane
 Concen: 127.241 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033367.D
 Acq: 12 Dec 2022 12:07

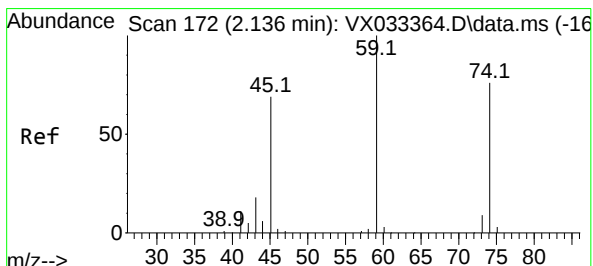
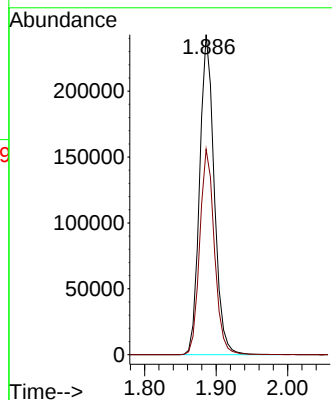
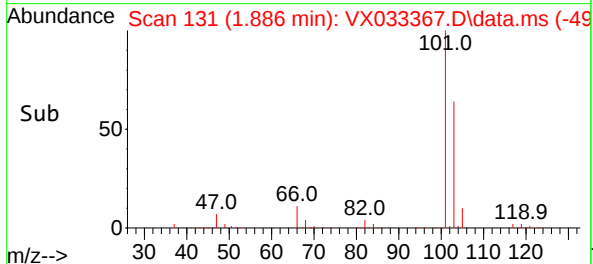
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:101 Resp: 343179
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.7 77.5

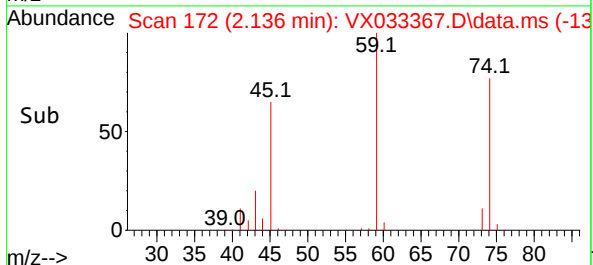
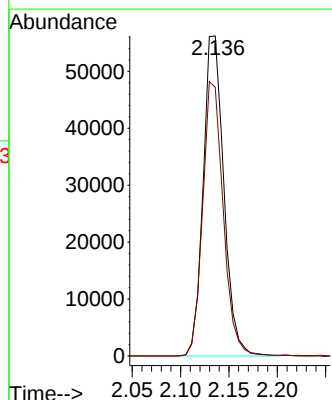
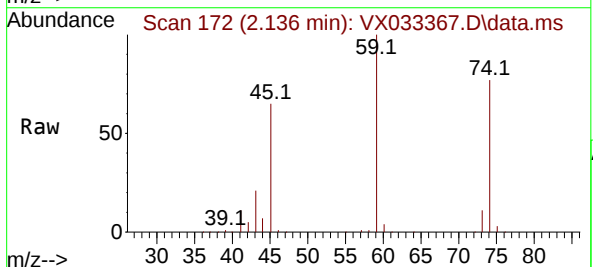
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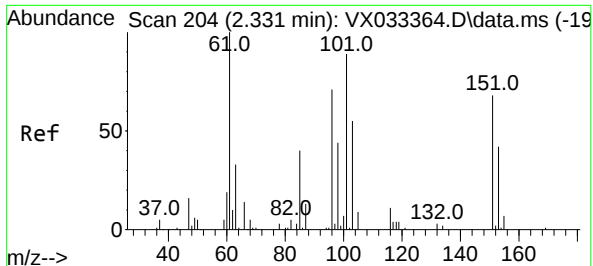
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#8
 Diethyl Ether
 Concen: 95.857 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX033367.D
 Acq: 12 Dec 2022 12:07

Tgt Ion: 74 Resp: 83589
 Ion Ratio Lower Upper
 74 100
 45 85.3 14.2 127.8





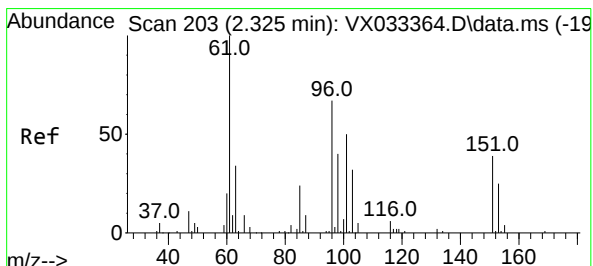
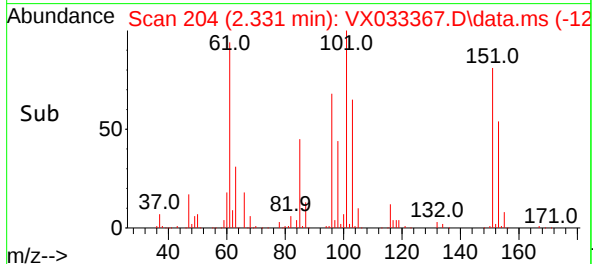
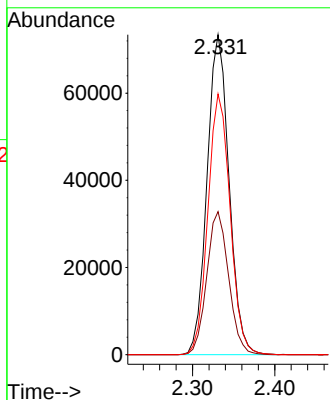
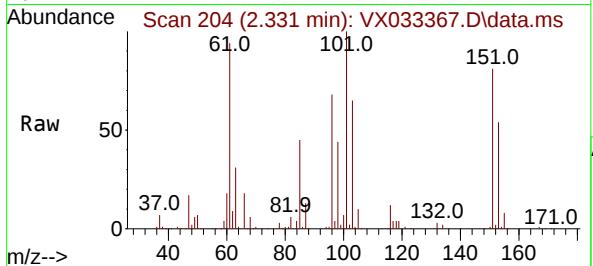
#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.207 ug/l
RT: 2.331 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 13659
Ion Ratio Lower Upper
101 100
85 44.5 0.0 88.8
151 82.3 0.0 156.6

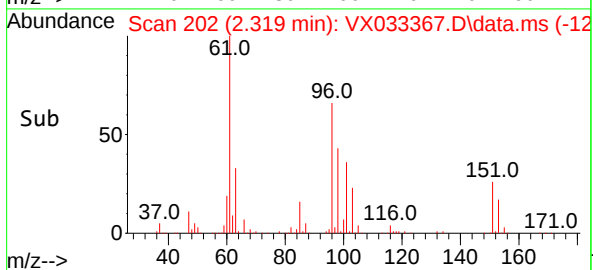
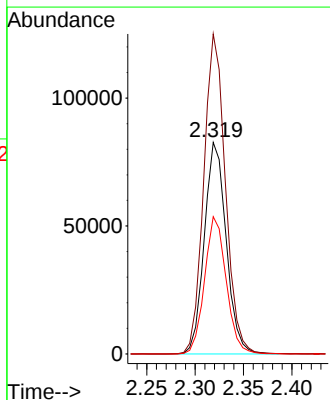
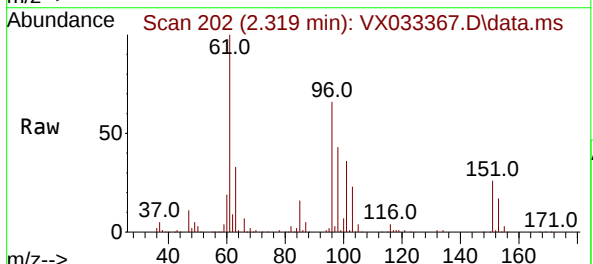
Manual Integrations
APPROVED

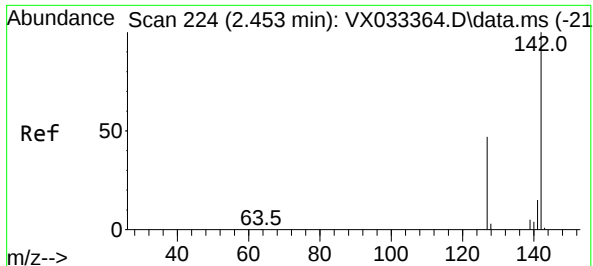
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
1,1-Dichloroethene
Concen: 95.177 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

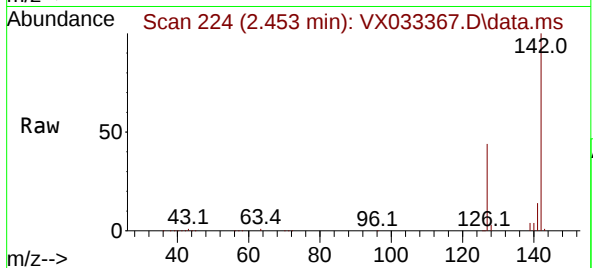
Tgt Ion: 96 Resp: 130448
Ion Ratio Lower Upper
96 100
61 151.3 115.8 173.6
98 65.0 49.7 74.5





#11
Methyl Iodide
Concen: 117.111 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

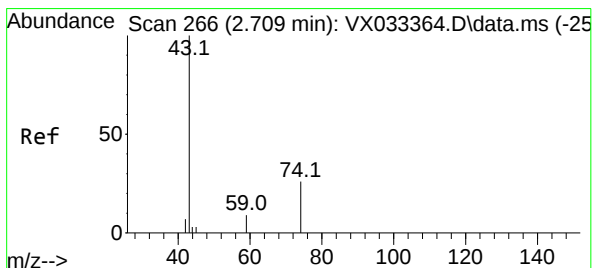
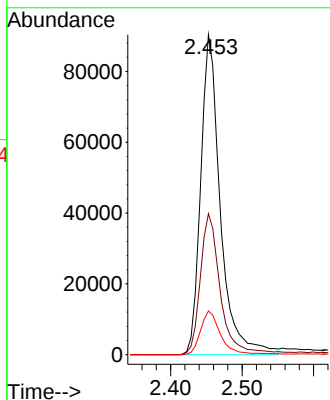
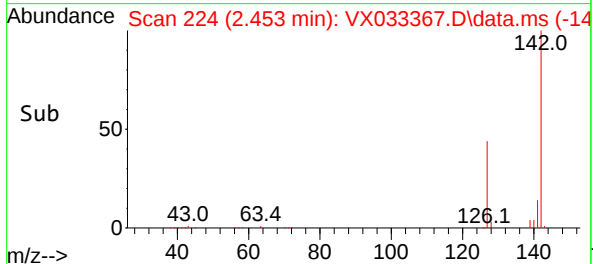
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 172562
Ion Ratio Lower Upper
142 100
127 44.0 23.8 71.2
141 13.6 7.6 22.8

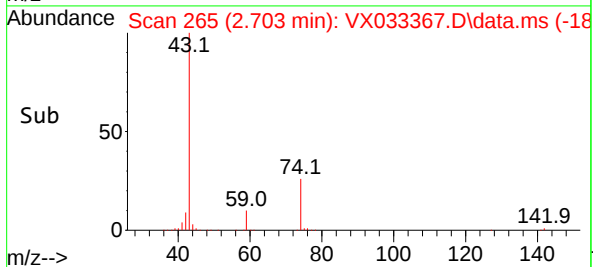
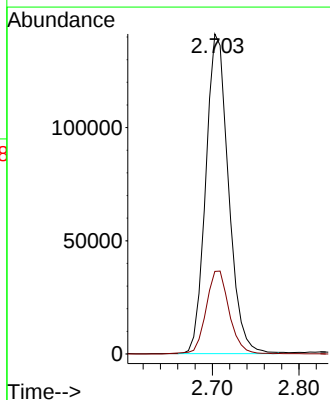
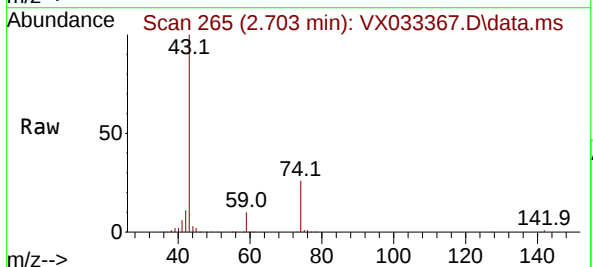
Manual Integrations
APPROVED

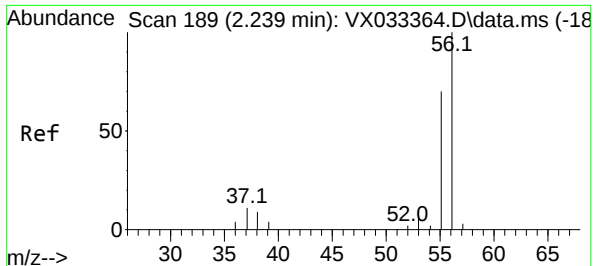
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
Methyl Acetate
Concen: 126.793 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

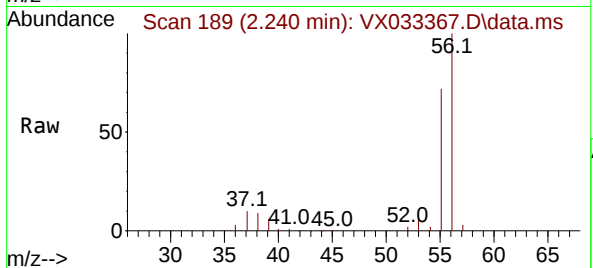
Tgt Ion: 43 Resp: 257427
Ion Ratio Lower Upper
43 100
74 25.7 24.8 37.2





#13
Acrolein
Concen: 574.114 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

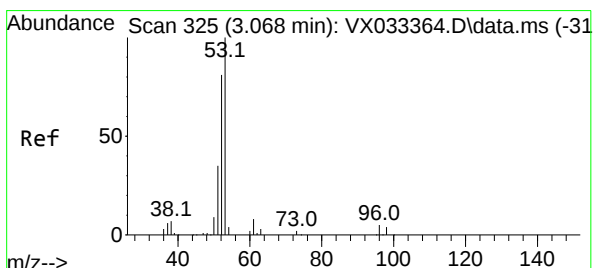
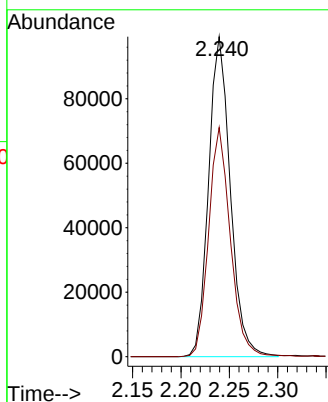
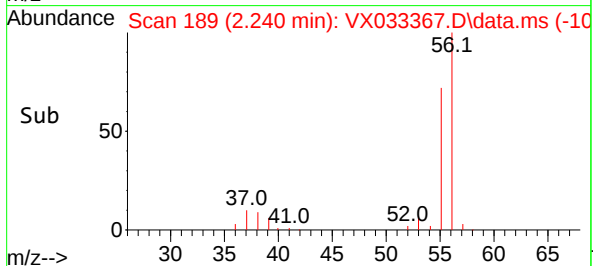
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



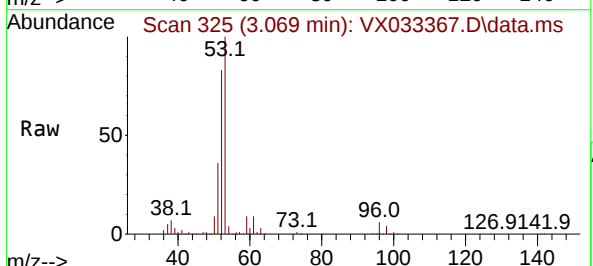
Tgt Ion: 56 Resp: 155430
Ion Ratio Lower Upper
56 100
55 71.4 58.4 87.6

Manual Integrations
APPROVED

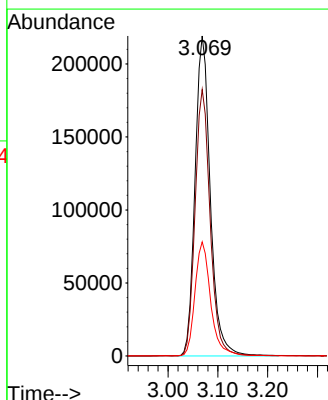
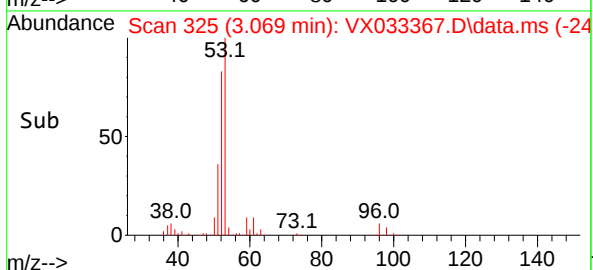
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

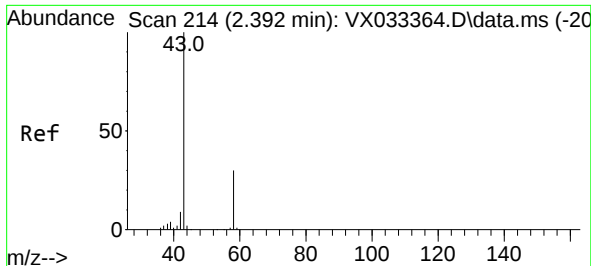


#14
Acrylonitrile
Concen: 641.772 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07



Tgt Ion: 53 Resp: 467095
Ion Ratio Lower Upper
53 100
52 82.0 41.5 124.5
51 36.2 18.3 54.9





#15

Acetone

Concen: 551.368 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 58 Resp: 10435

Ion Ratio Lower Upper

58 100

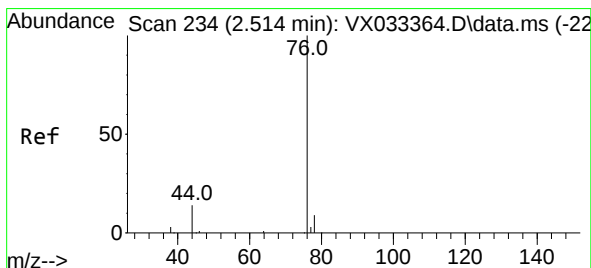
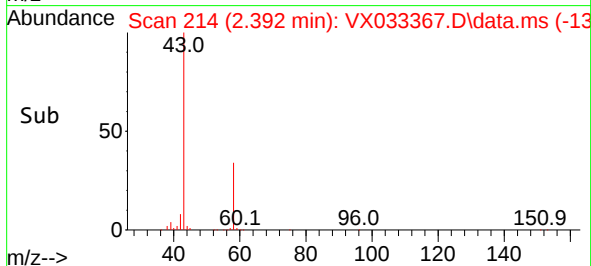
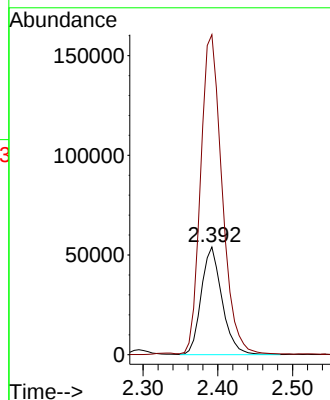
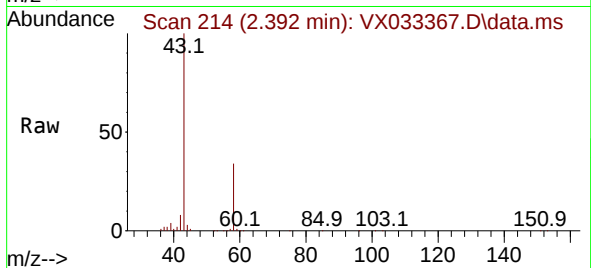
43 296.9 242.6 364.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#16

Carbon Disulfide

Concen: 122.548 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033367.D

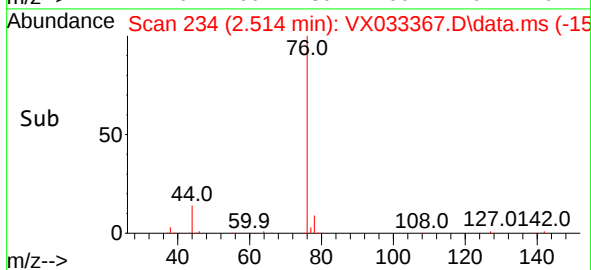
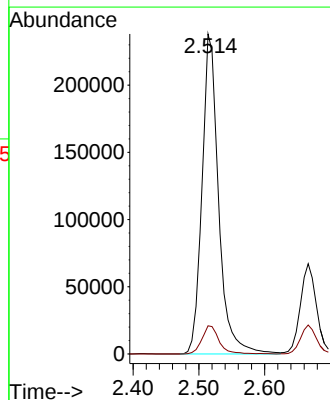
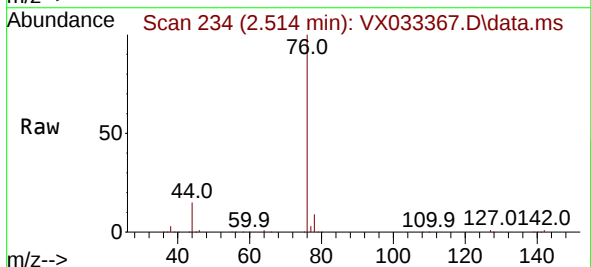
Acq: 12 Dec 2022 12:07

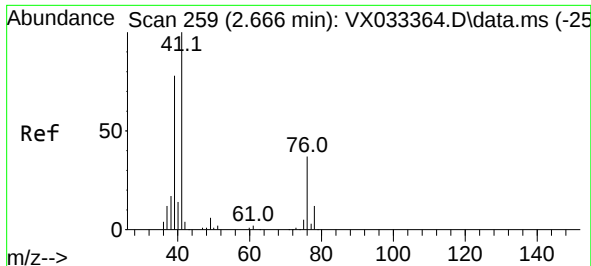
Tgt Ion: 76 Resp: 418124

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#17

Allyl chloride

Concen: 135.381 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 294830

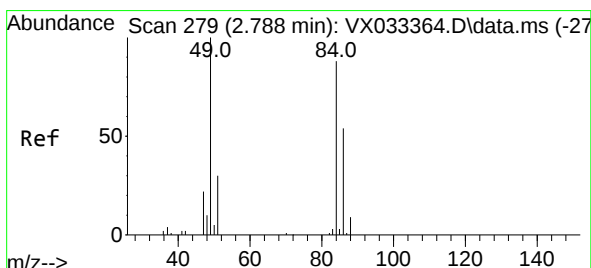
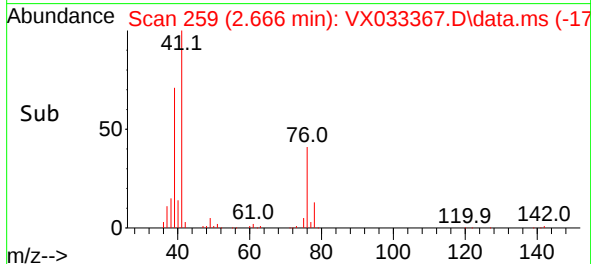
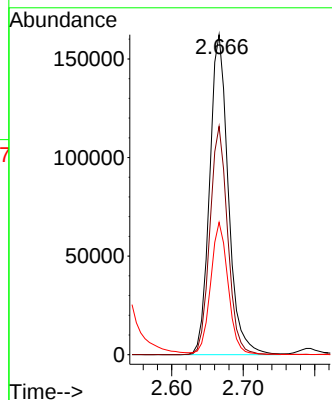
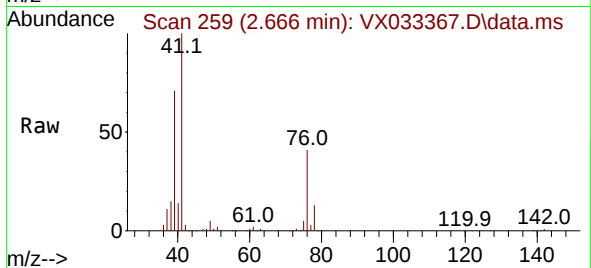
Ion	Ratio	Lower	Upper
41	100		
39	71.3	37.0	111.0
76	41.3	23.8	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#18

Methylene Chloride

Concen: 131.018 ug/l

RT: 2.794 min Scan# 280

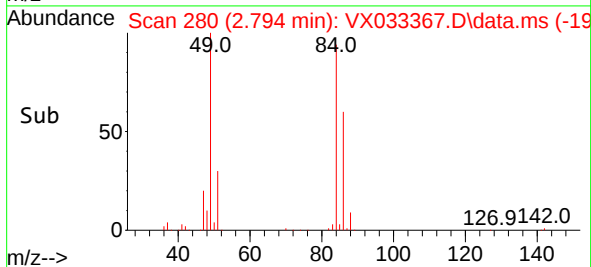
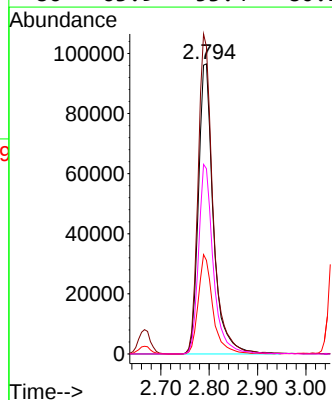
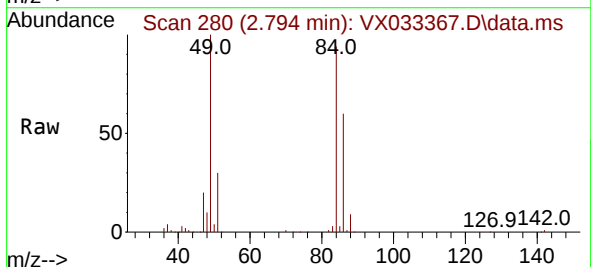
Delta R.T. 0.006 min

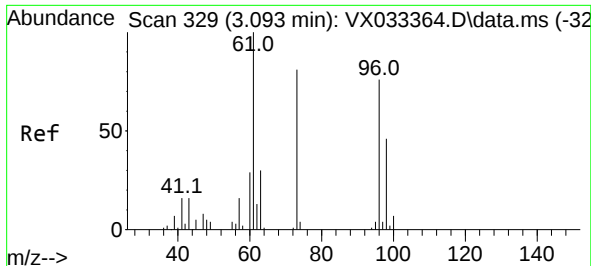
Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Tgt Ion: 84 Resp: 207093

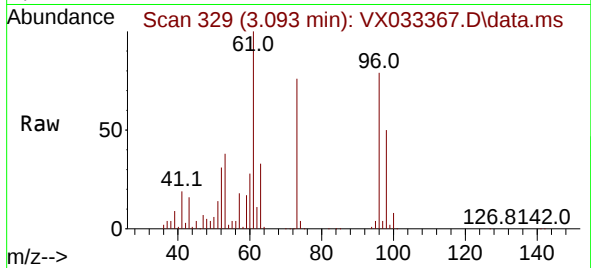
Ion	Ratio	Lower	Upper
84	100		
49	105.9	84.6	127.0
51	32.3	26.5	39.7
86	63.9	53.4	80.2





#19
trans-1,2-Dichloroethene
Concen: 141.071 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

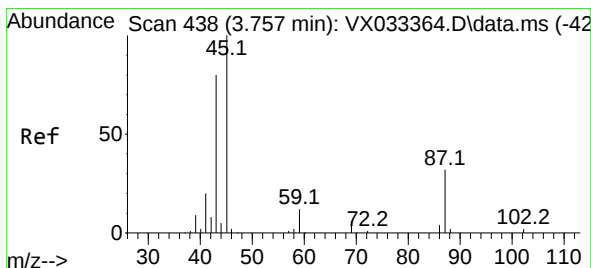
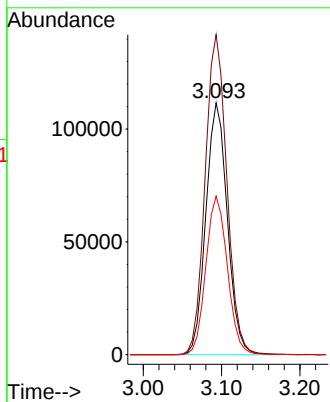
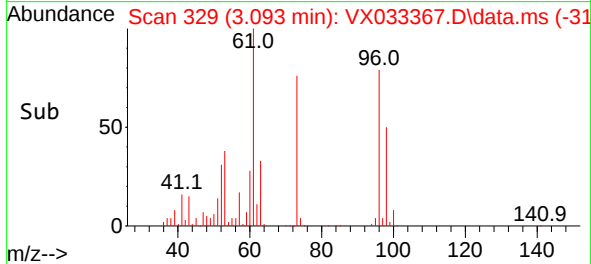
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 212989
Ion Ratio Lower Upper
96 100
61 127.0 87.4 131.0
98 62.9 51.5 77.3

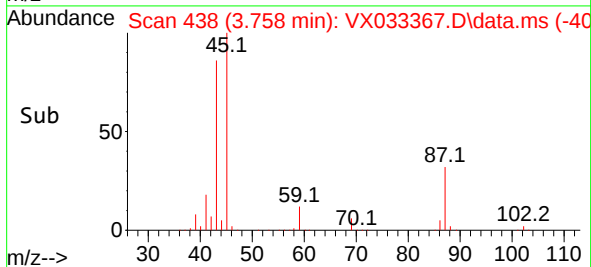
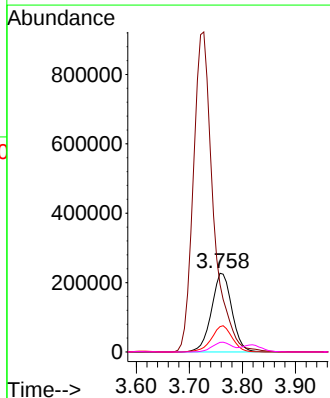
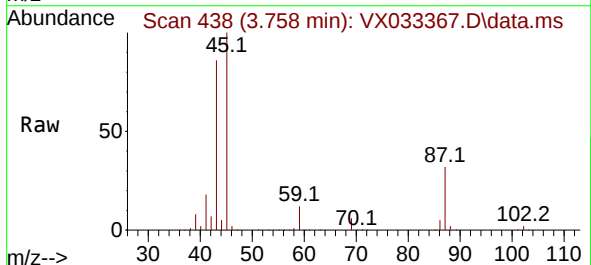
Manual Integrations
APPROVED

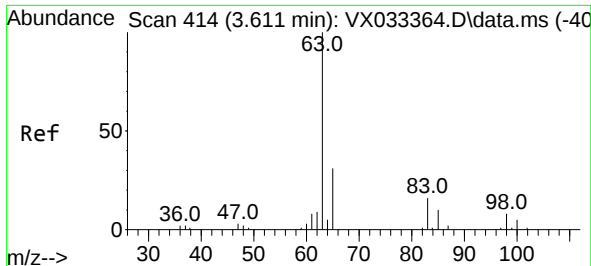
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Diisopropyl ether
Concen: 124.304 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion: 45 Resp: 607014
Ion Ratio Lower Upper
45 100
43 85.7 74.5 111.7
87 32.1 30.4 45.6
59 12.2 10.7 16.1





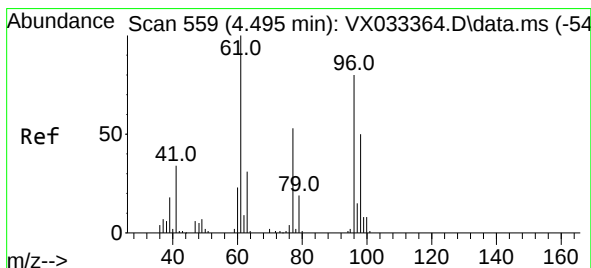
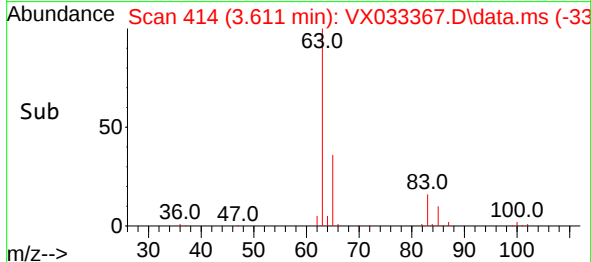
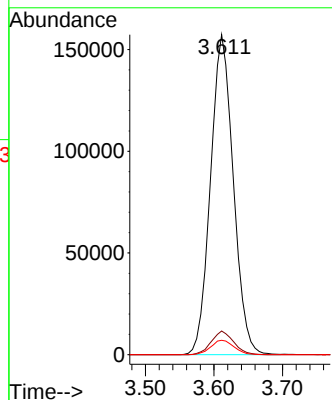
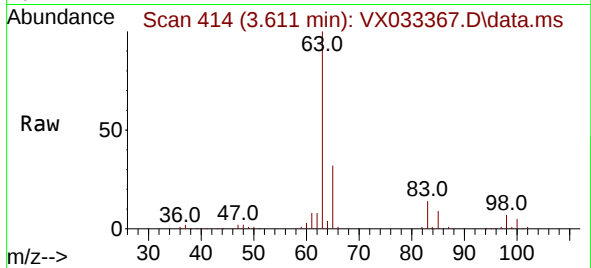
#21
1,1-Dichloroethane
Concen: 132.757 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 363930
Ion Ratio Lower Upper
63 100
98 7.4 4.5 13.7
100 4.5 2.8 8.3

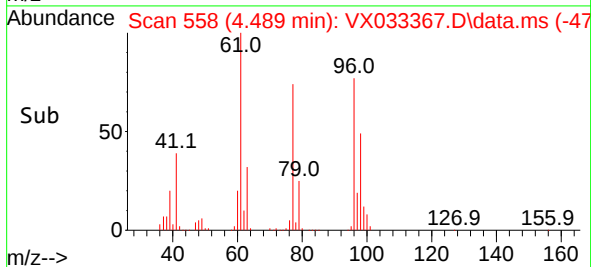
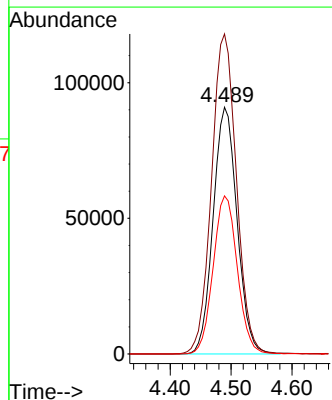
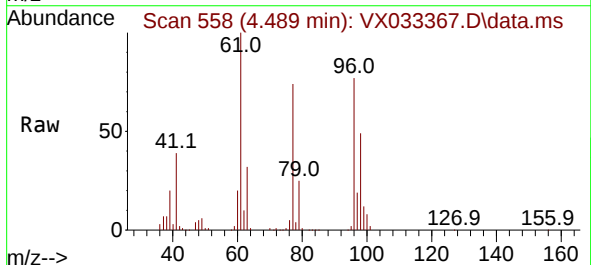
Manual Integrations
APPROVED

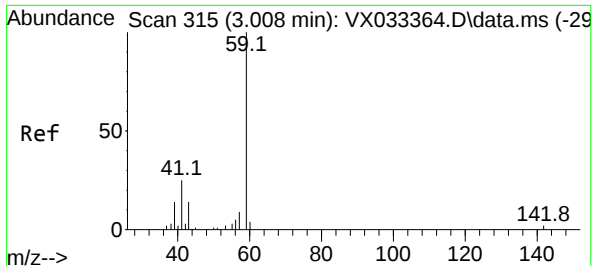
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
cis-1,2-Dichloroethene
Concen: 140.909 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

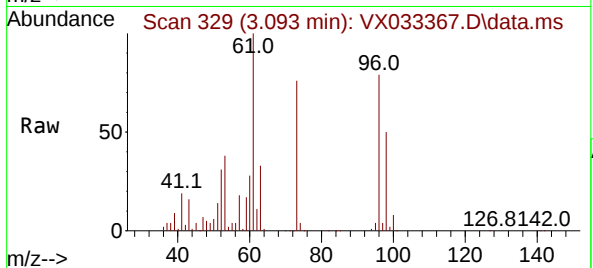
Tgt Ion: 96 Resp: 248399
Ion Ratio Lower Upper
96 100
61 134.8 98.0 147.0
98 64.7 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 769.176 ug/l m
RT: 3.093 min Scan# 315
Delta R.T. 0.110 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

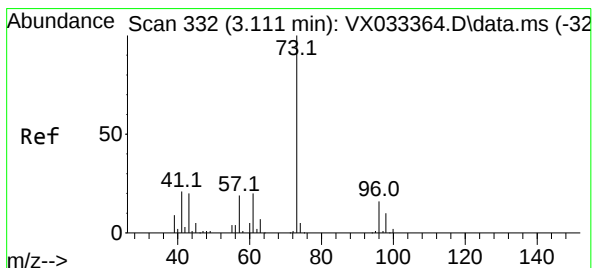
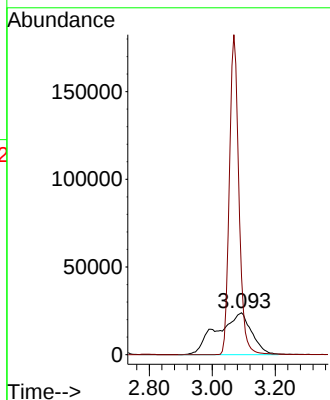
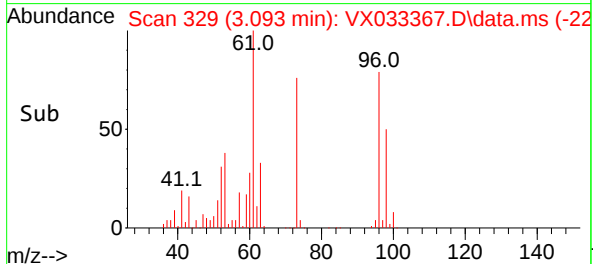
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 18177
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

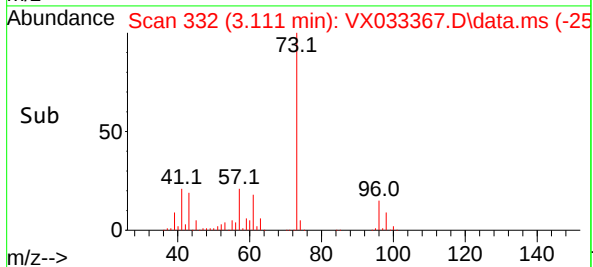
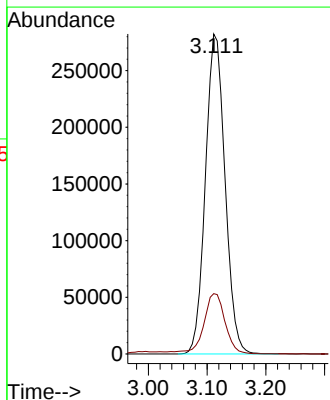
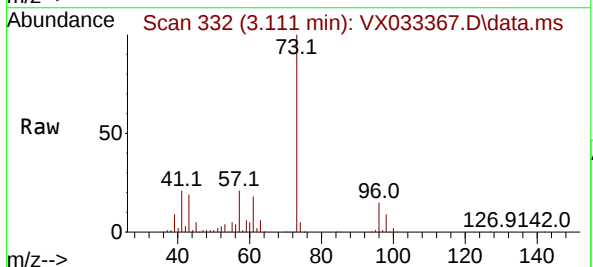
Manual Integrations
APPROVED

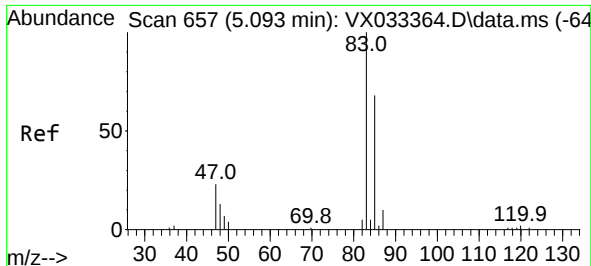
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#24
Methyl tert-Butyl Ether
Concen: 133.467 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion: 73 Resp: 655033
Ion Ratio Lower Upper
73 100
43 20.3 14.8 22.2





#25

Chloroform

Concen: 132.063 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 40378

Ion Ratio Lower Upper

83 100

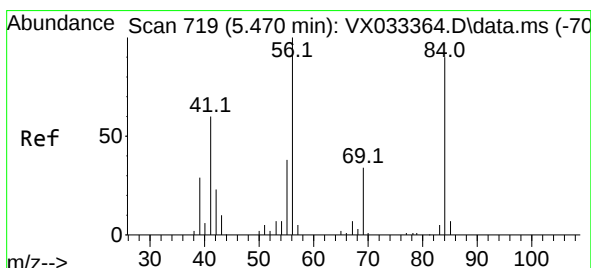
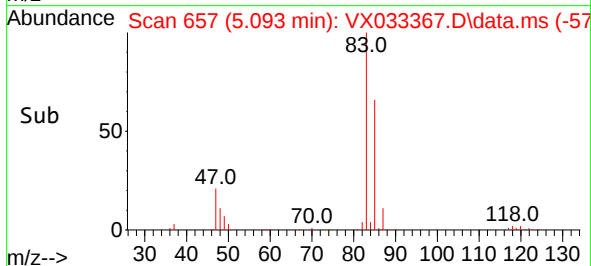
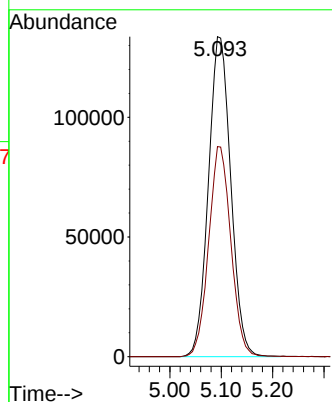
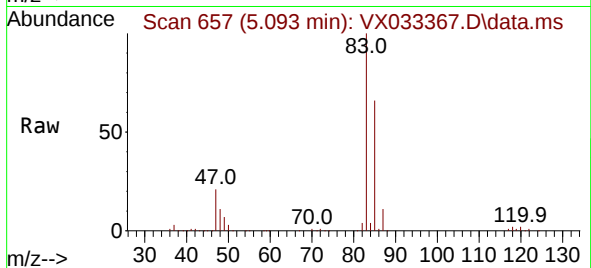
85 65.7 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

Cyclohexane

Concen: 131.744 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

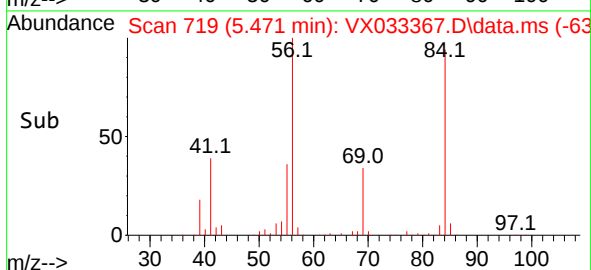
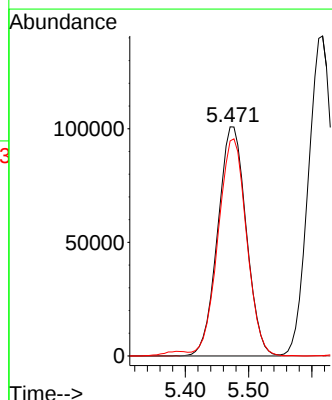
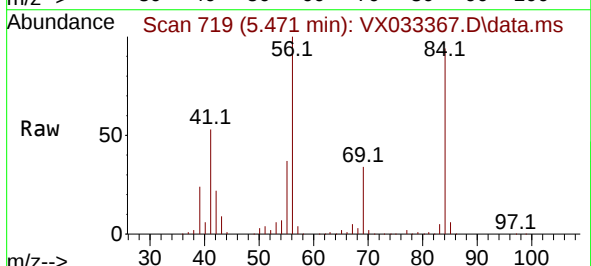
Tgt Ion: 56 Resp: 315393

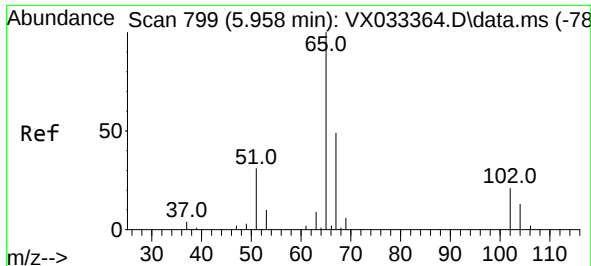
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 95.0 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 26.426 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 35918

Ion Ratio Lower Upper

65 100

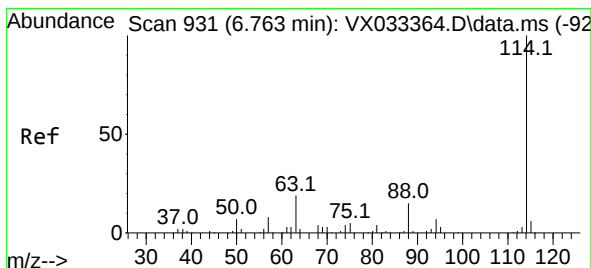
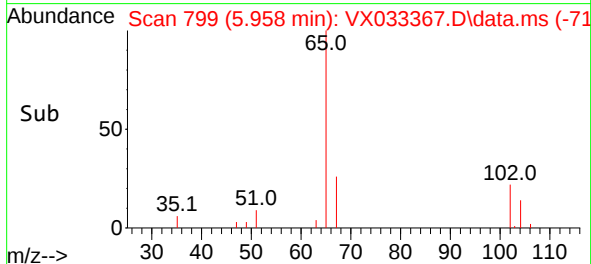
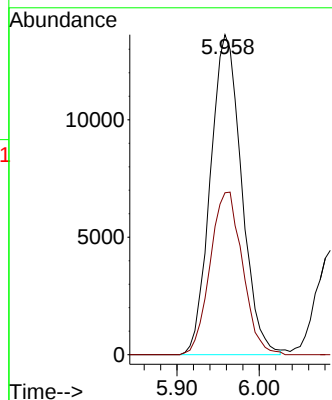
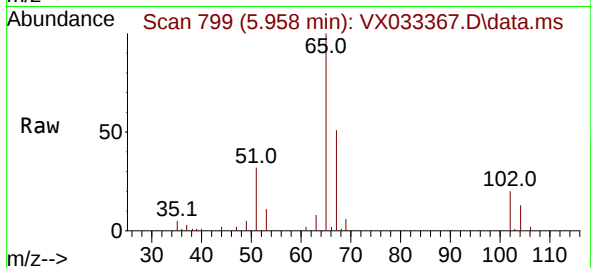
67 52.7 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

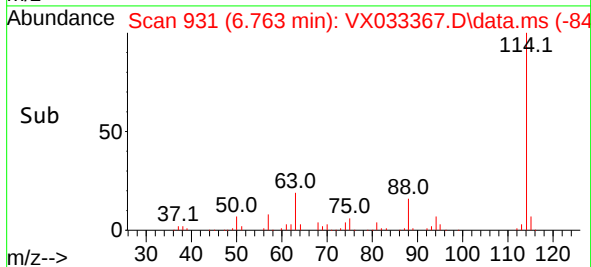
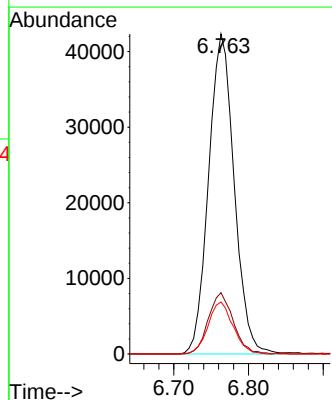
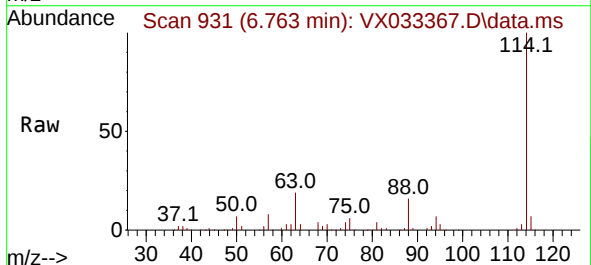
Tgt Ion:114 Resp: 100775

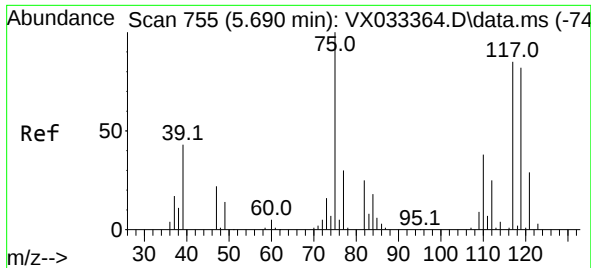
Ion Ratio Lower Upper

114 100

63 18.6 13.6 20.4

88 15.9 11.8 17.6





#29

1,1-Dichloropropene

Concen: 131.156 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 293136

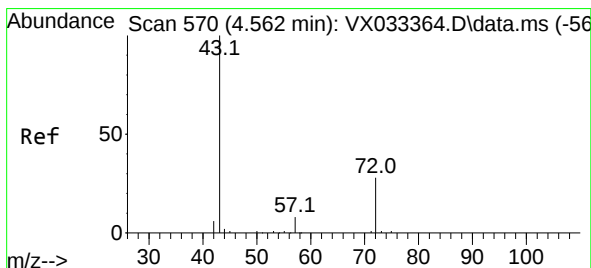
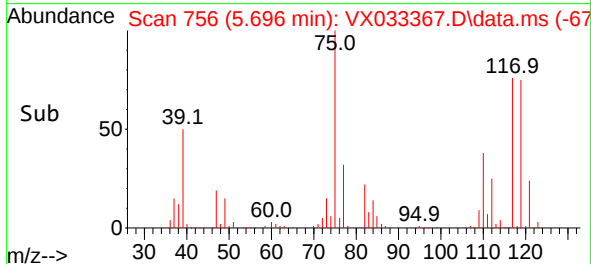
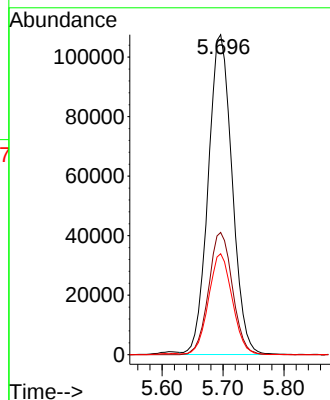
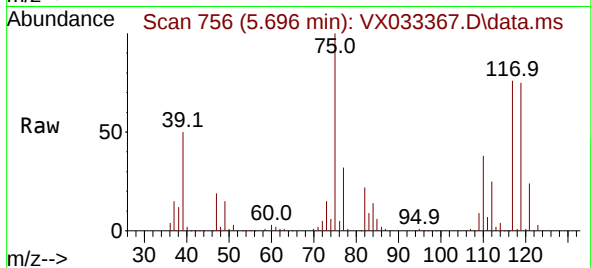
Ion	Ratio	Lower	Upper
75	100		
110	38.1	0.0	80.4
77	31.4	0.0	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

2-Butanone

Concen: 630.114 ug/l

RT: 4.562 min Scan# 570

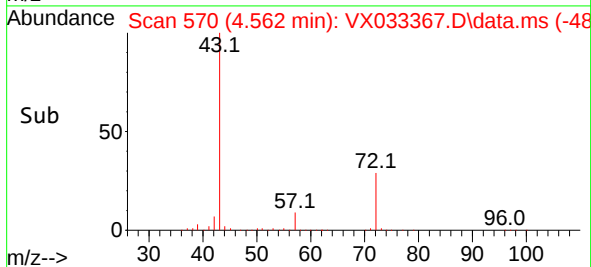
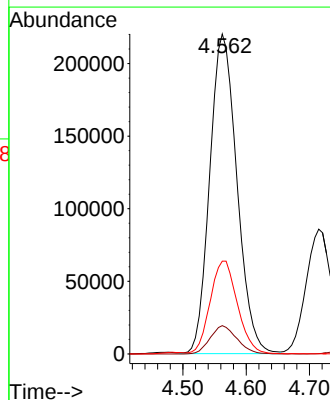
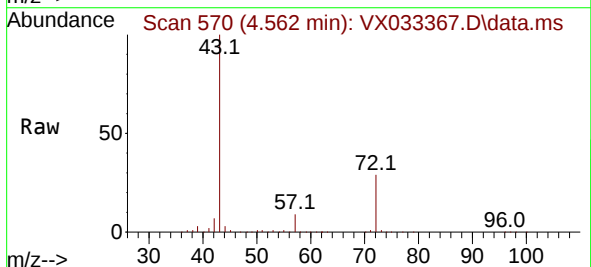
Delta R.T. 0.000 min

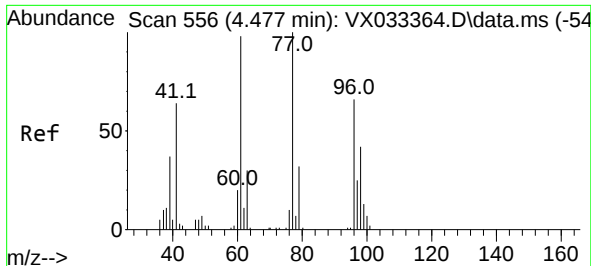
Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Tgt Ion: 43 Resp: 656662

Ion	Ratio	Lower	Upper
43	100		
57	8.7	7.5	11.3
72	29.2	26.6	39.8





#31

2,2-Dichloropropane

Concen: 161.951 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 77 Resp: 309564

Ion Ratio Lower Upper

77 100

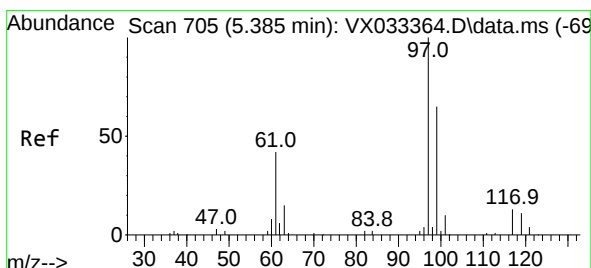
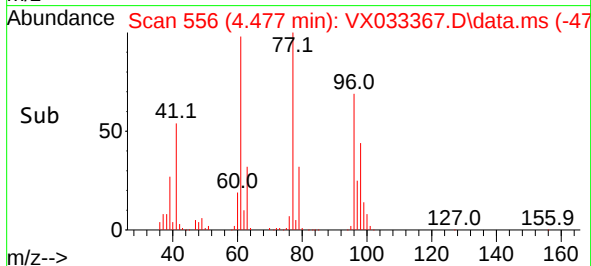
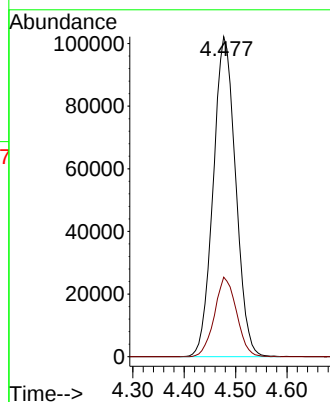
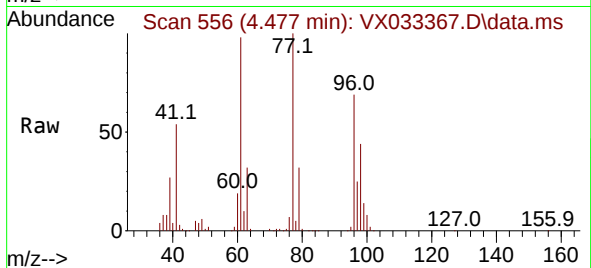
97 24.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#32

1,1,1-Trichloroethane

Concen: 132.414 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

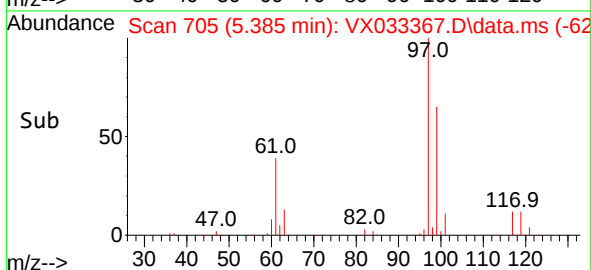
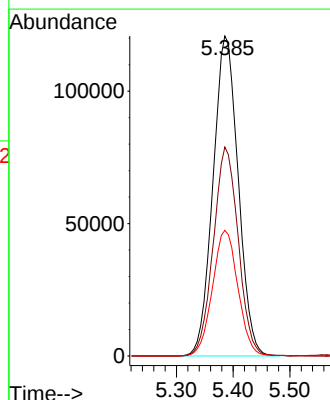
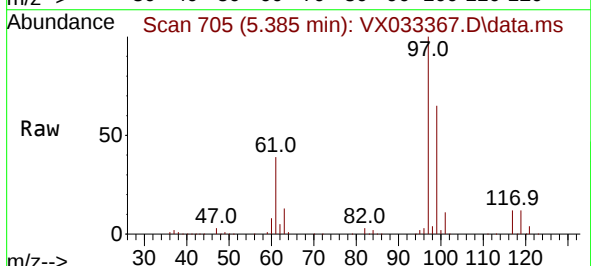
Tgt Ion: 97 Resp: 372270

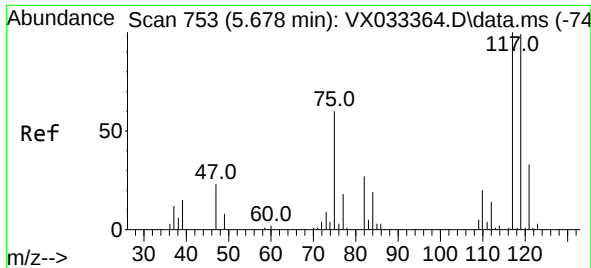
Ion Ratio Lower Upper

97 100

99 64.5 53.8 80.6

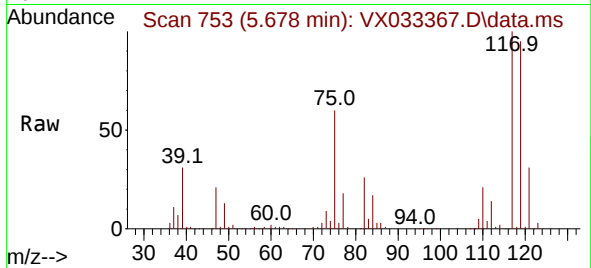
61 39.8 31.3 46.9





#33
Carbon Tetrachloride
Concen: 136.359 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

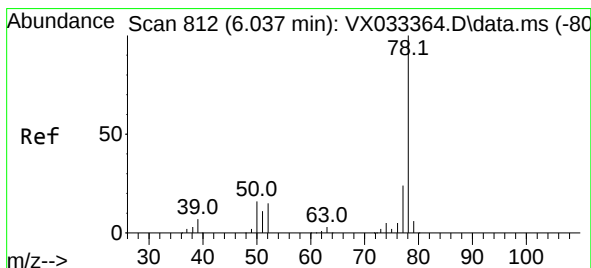
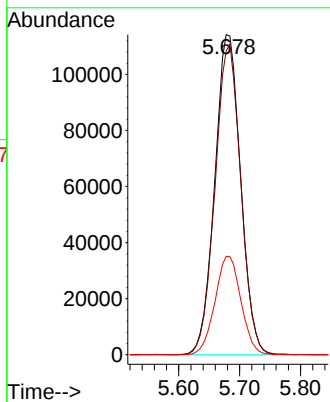
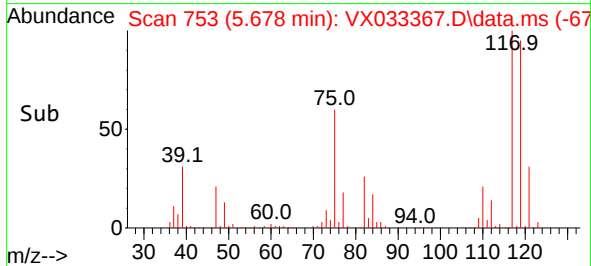
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



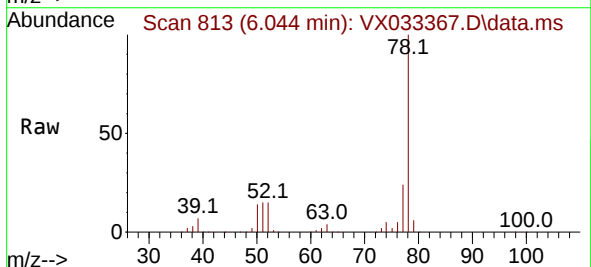
Tgt Ion:117 Resp: 336599
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.2
121 30.7 24.4 36.6

Manual Integrations
APPROVED

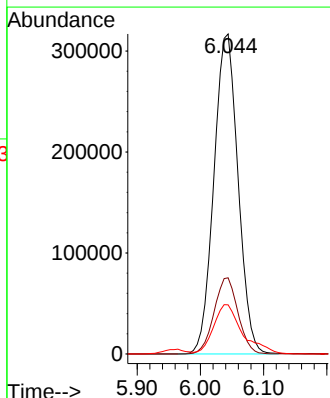
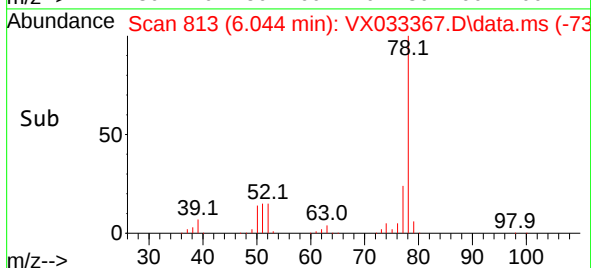
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

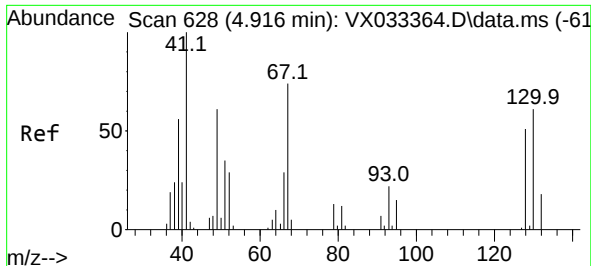


#34
Benzene
Concen: 133.281 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07



Tgt Ion: 78 Resp: 839317
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6
51 14.9 10.6 15.8





#35
Methacrylonitrile
Concen: 120.853 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

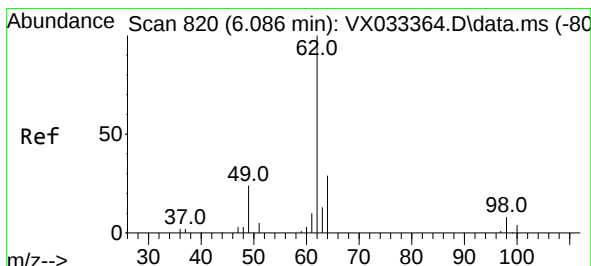
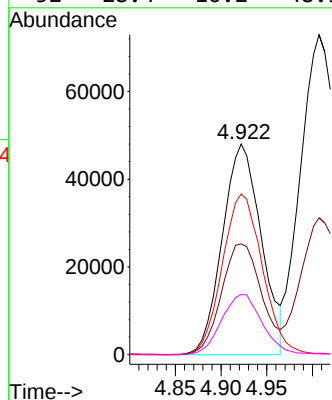
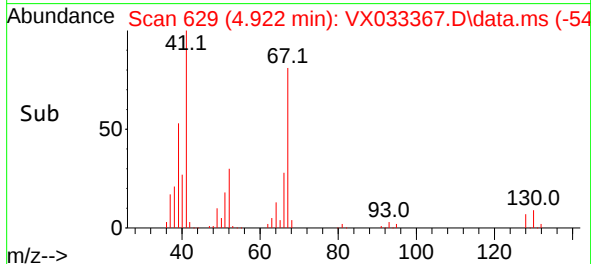
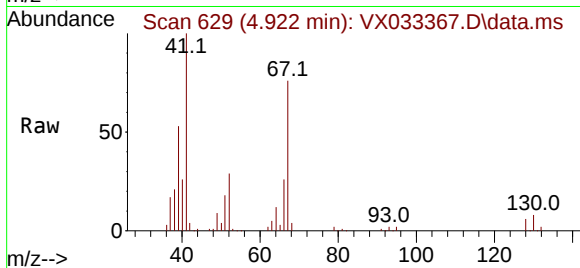
VSTDIC150

Tgt Ion: 41 Resp: 142644
Ion Ratio Lower Upper
41 100
39 52.4 26.9 80.7
67 76.3 40.6 121.8
52 28.4 16.2 48.5

Manual Integrations

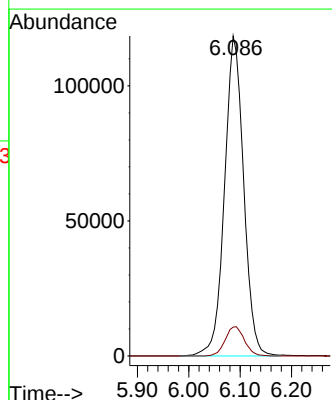
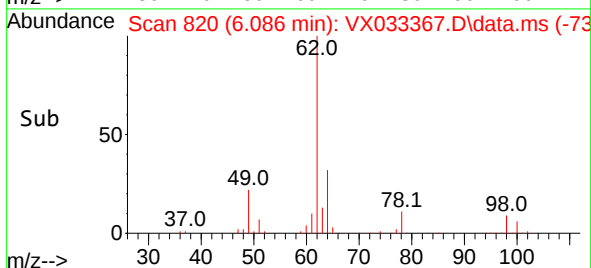
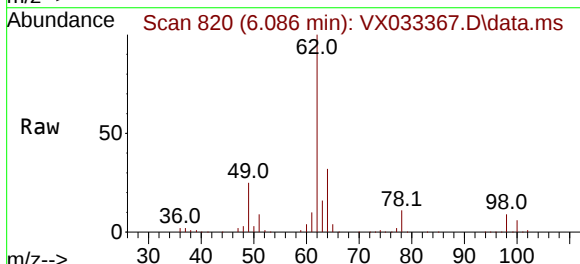
APPROVED

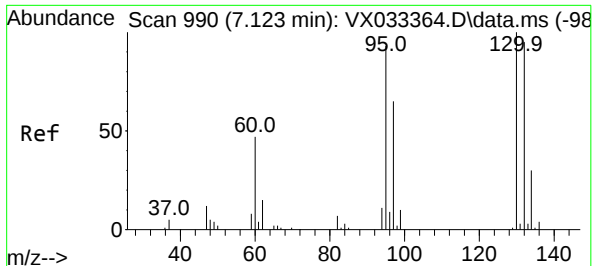
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#36
1,2-Dichloroethane
Concen: 118.231 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

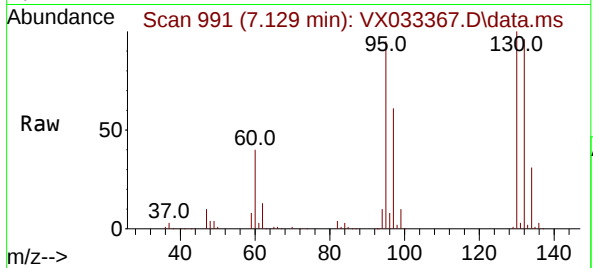
Tgt Ion: 62 Resp: 306511
Ion Ratio Lower Upper
62 100
98 9.2 8.8 13.2





#37
Trichloroethene
Concen: 138.948 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

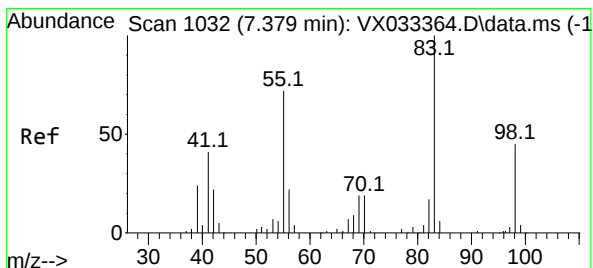
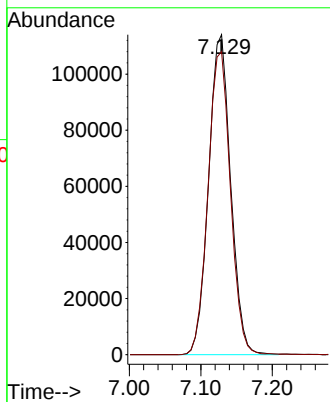
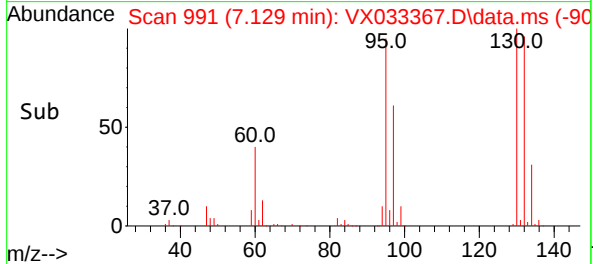
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 24479
Ion Ratio Lower Upper
130 100
95 94.7 72.4 108.6

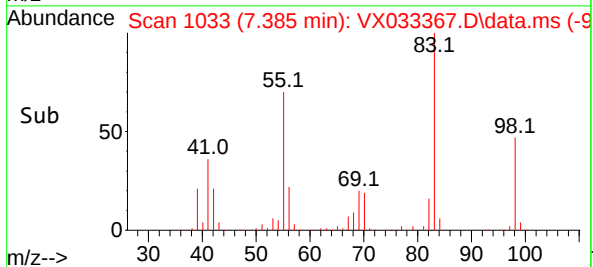
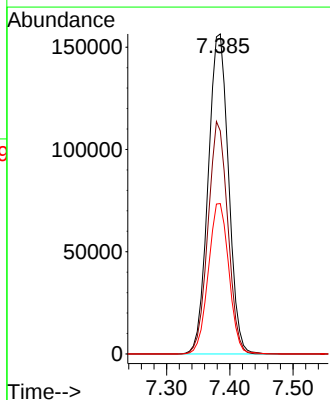
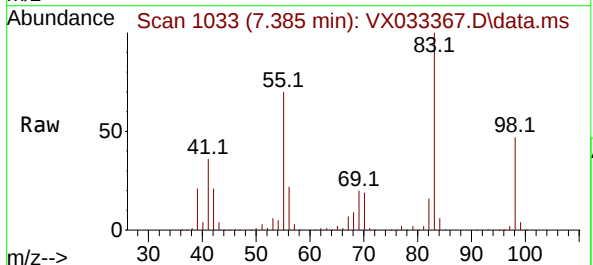
Manual Integrations
APPROVED

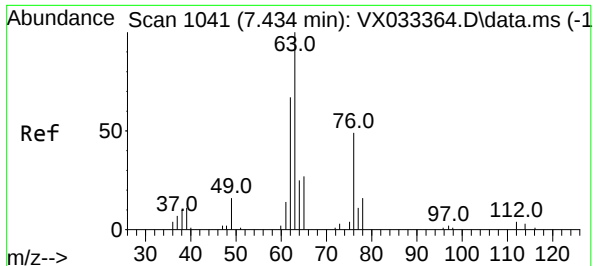
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#38
Methylcyclohexane
Concen: 139.685 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion: 83 Resp: 349795
Ion Ratio Lower Upper
83 100
55 70.5 31.6 94.7
98 47.5 26.9 80.6





#39

1,2-Dichloropropane

Concen: 132.532 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 21125

Ion Ratio Lower Upper

63 100

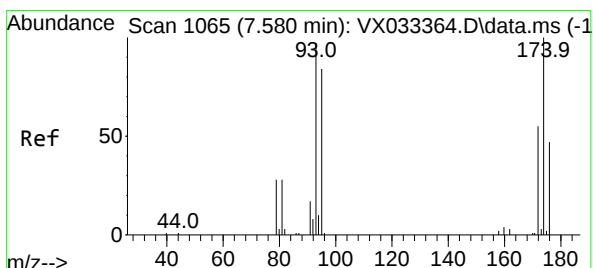
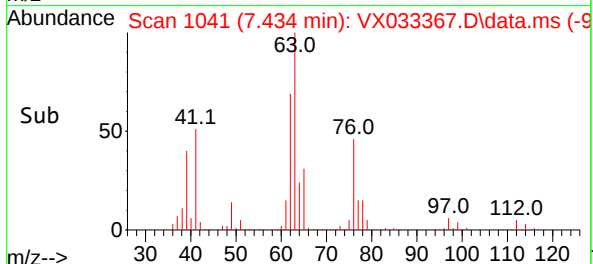
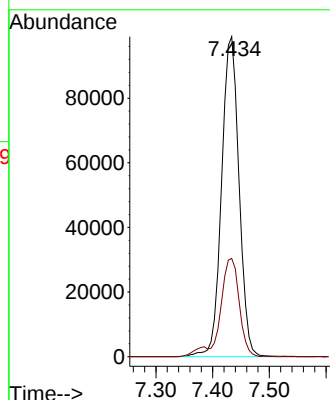
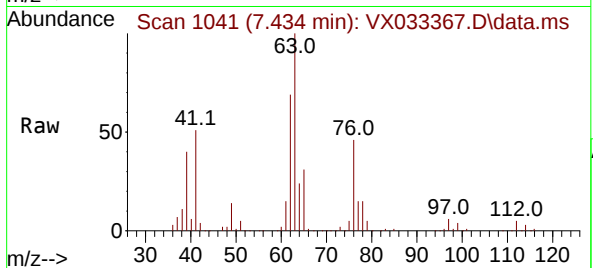
65 30.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Dibromomethane

Concen: 130.444 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

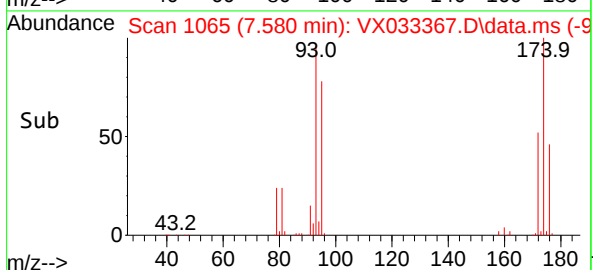
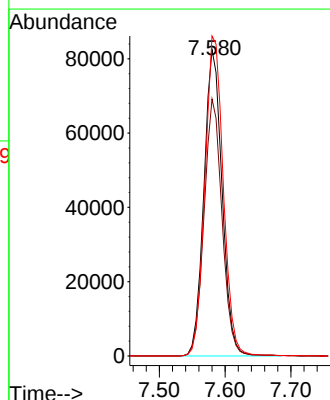
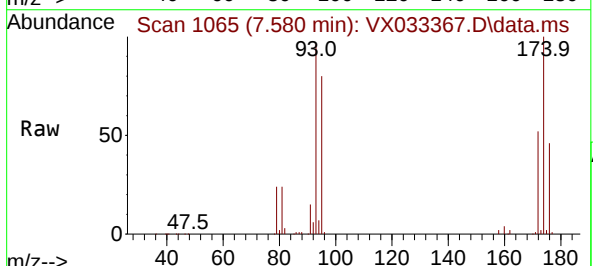
Tgt Ion: 93 Resp: 158755

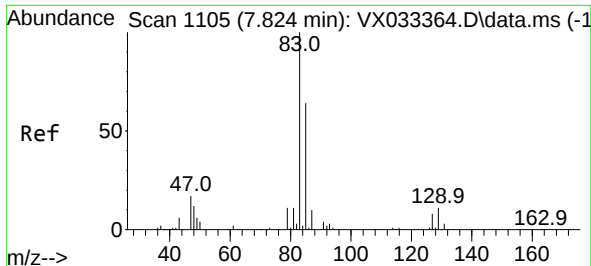
Ion Ratio Lower Upper

93 100

95 83.1 0.0 165.0

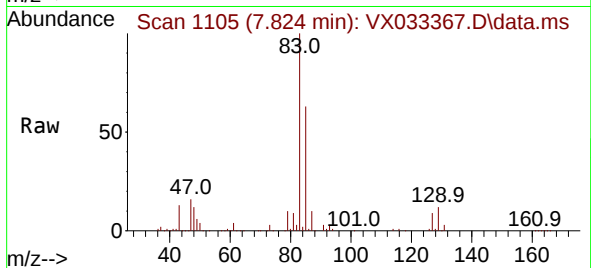
174 105.8 0.0 205.2





#41
Bromodichloromethane
Concen: 139.425 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

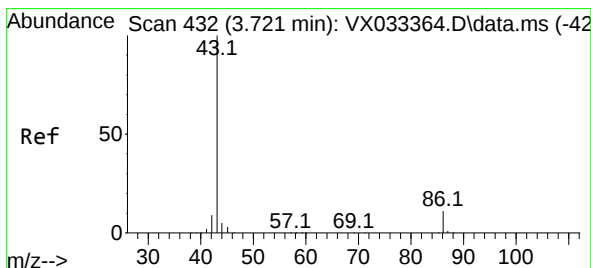
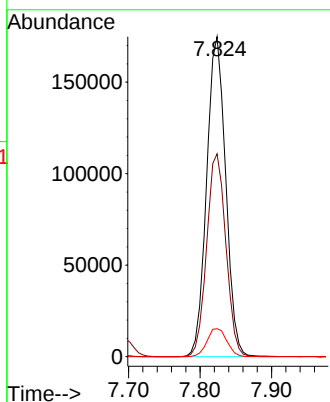
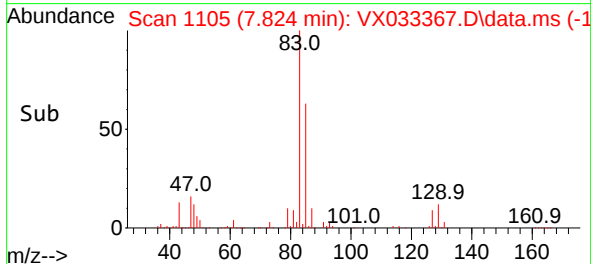
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 323420
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5
127 8.8 6.8 10.2

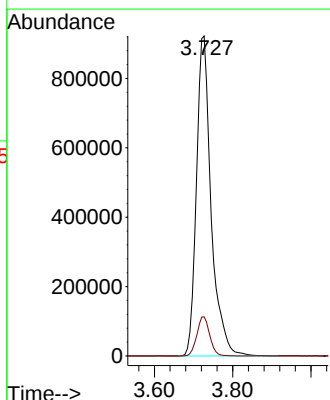
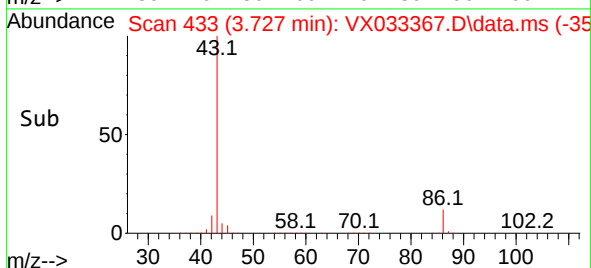
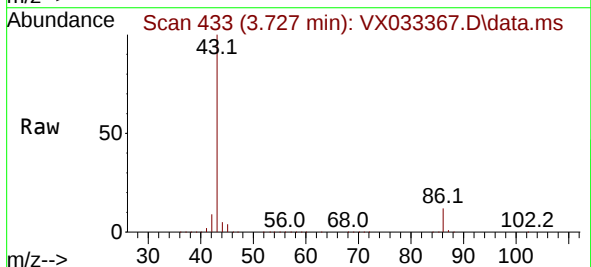
Manual Integrations
APPROVED

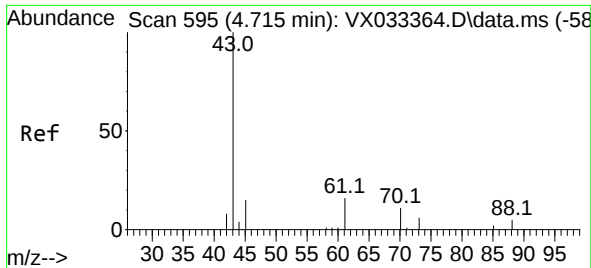
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
Vinyl Acetate
Concen: 601.452 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion: 43 Resp: 2408447
Ion Ratio Lower Upper
43 100
86 10.7 10.3 15.5





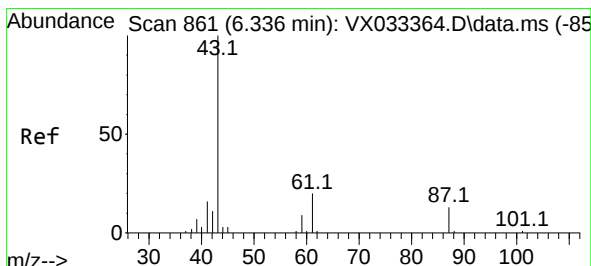
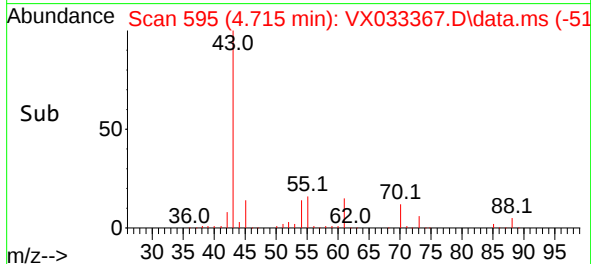
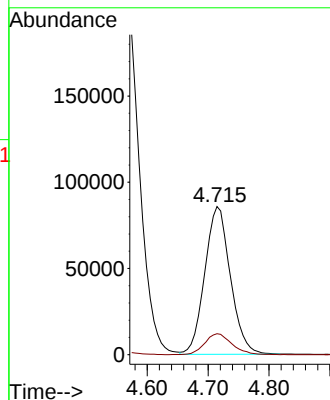
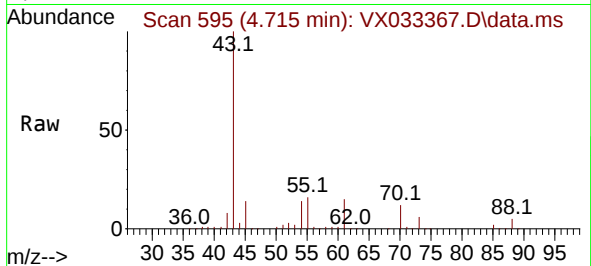
#43
Ethyl Acetate
Concen: 119.533 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 250589
Ion Ratio Lower Upper
43 100
45 15.1 8.2 12.2

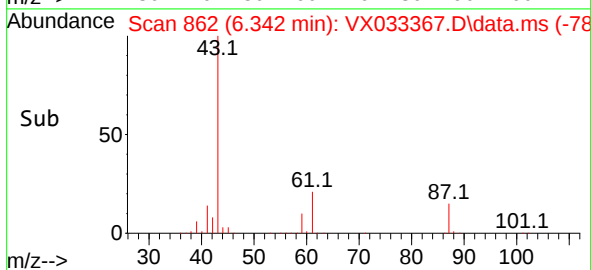
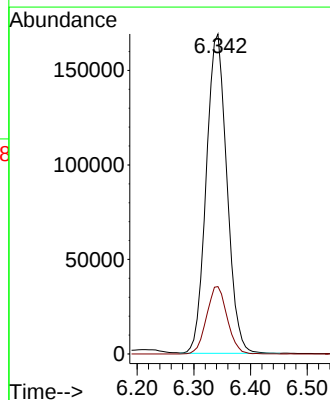
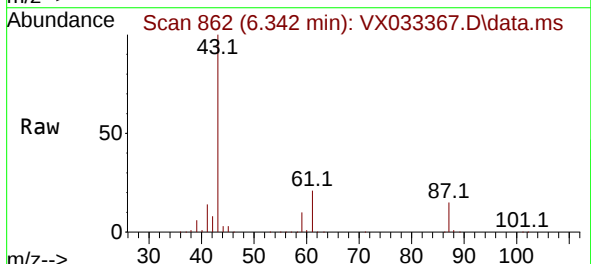
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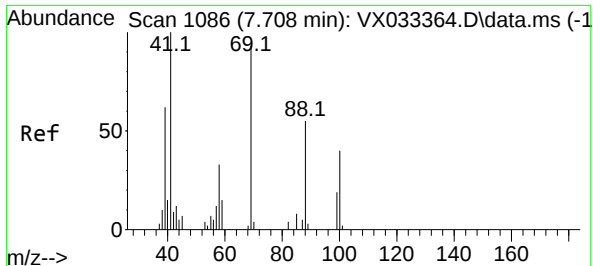
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#44
Isopropyl Acetate
Concen: 121.316 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion: 43 Resp: 426200
Ion Ratio Lower Upper
43 100
61 21.1 17.2 25.8





#45

1,4-Dioxane

Concen: 2741.237 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

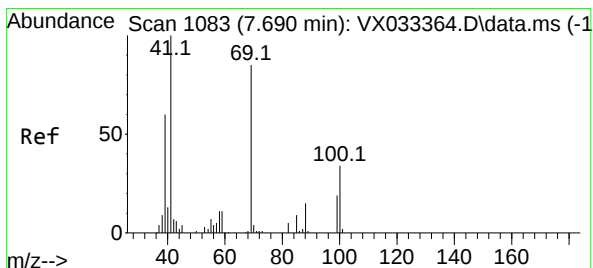
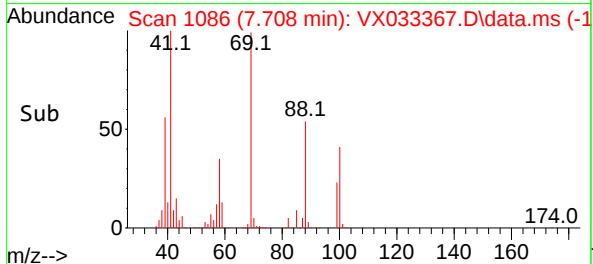
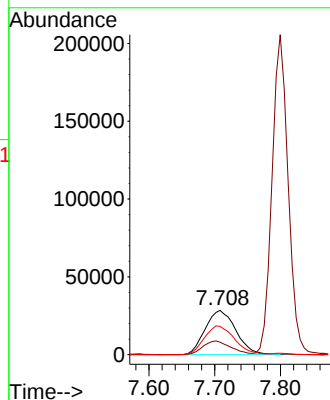
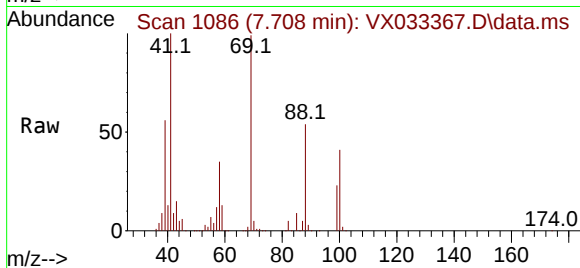
Tgt Ion: 88	Resp: 92502
Ion Ratio	Lower Upper
88	100
43	27.7 20.4 30.6
58	63.6 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Methyl methacrylate

Concen: 121.231 ug/l

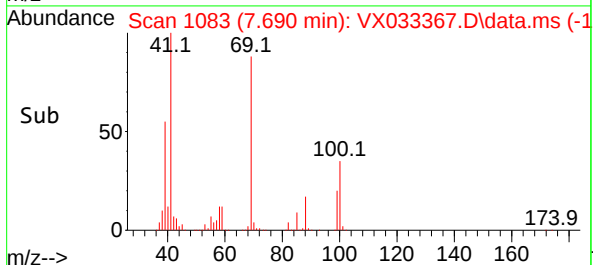
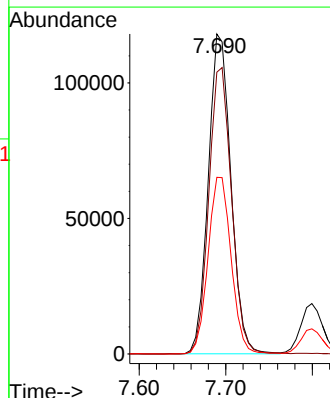
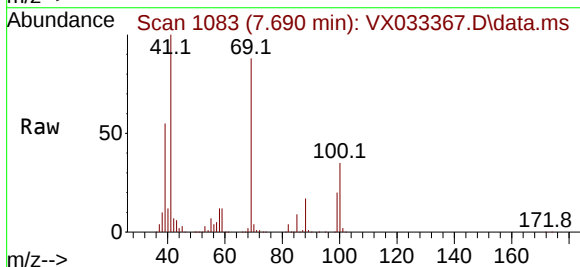
RT: 7.690 min Scan# 1083

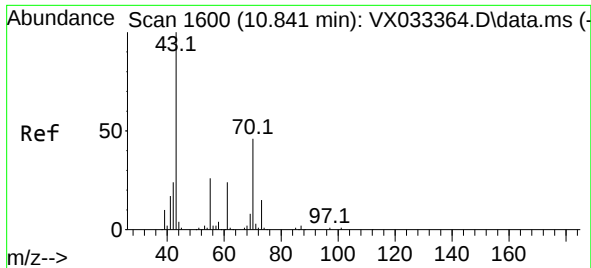
Delta R.T. -0.006 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

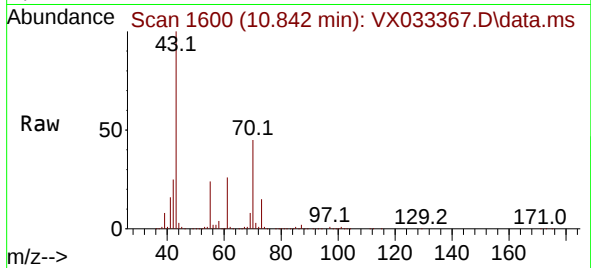
Tgt Ion: 41	Resp: 214405
Ion Ratio	Lower Upper
41	100
69	88.1 50.5 151.5
39	55.2 34.6 103.8





#47
n-amy1 Acetate
Concen: 116.580 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

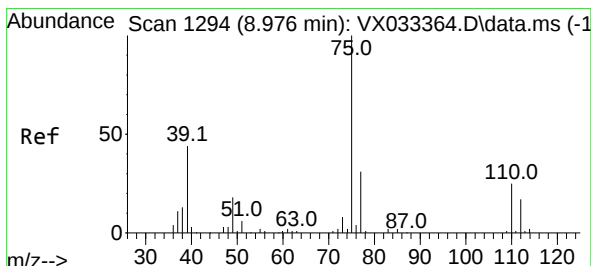
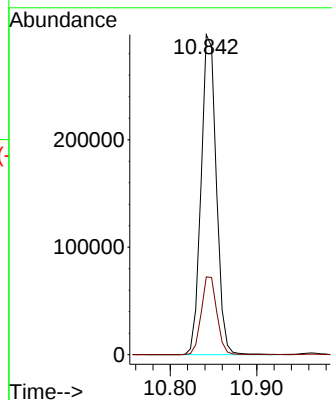
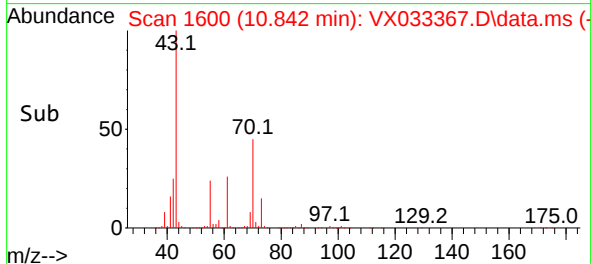
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 364090
Ion Ratio Lower Upper
43 100
55 24.8 21.6 32.4

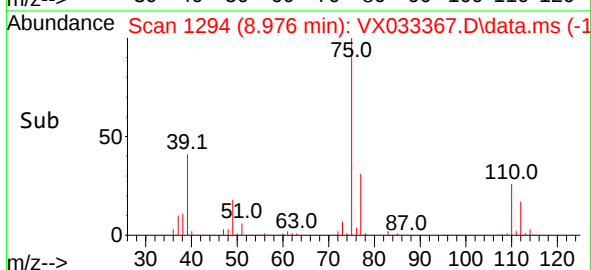
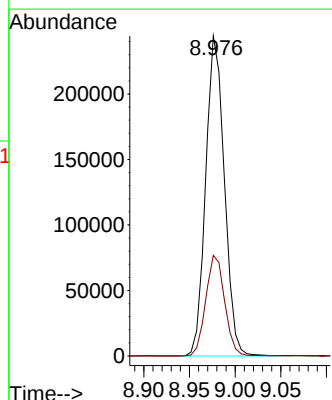
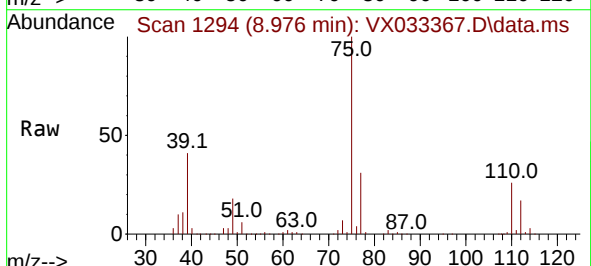
Manual Integrations
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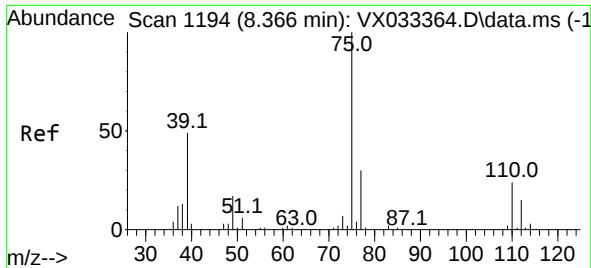
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
t-1,3-Dichloropropene
Concen: 145.898 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

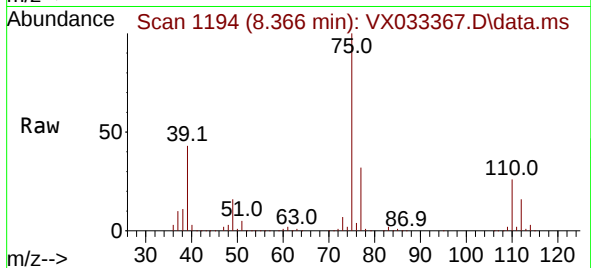
Tgt Ion: 75 Resp: 347208
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 146.650 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX033367.D
 Acq: 12 Dec 2022 12:07

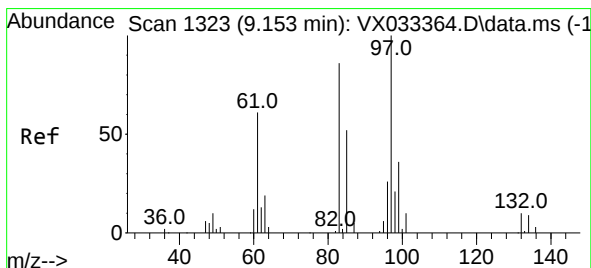
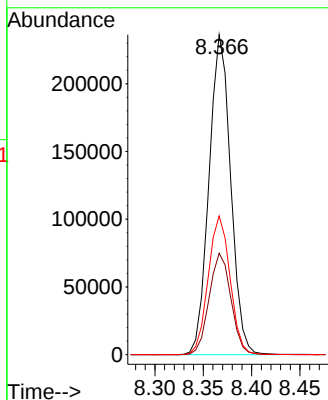
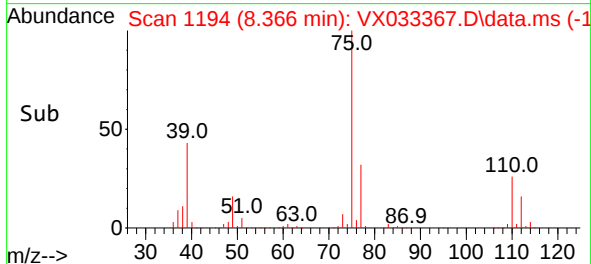
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 368514
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 43.3 34.1 51.1

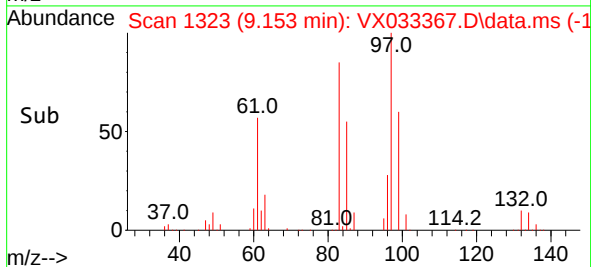
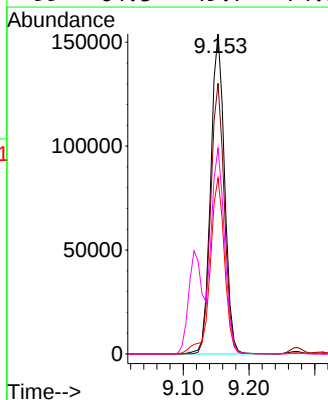
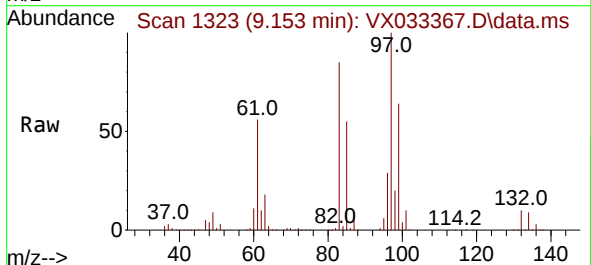
Manual Integrations
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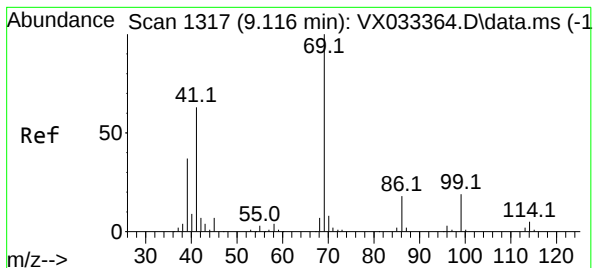
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#50
 1,1,2-Trichloroethane
 Concen: 135.020 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX033367.D
 Acq: 12 Dec 2022 12:07

Tgt Ion: 97 Resp: 225933
 Ion Ratio Lower Upper
 97 100
 83 84.6 62.2 93.4
 85 55.0 44.2 66.2
 99 64.3 49.7 74.5





#51

Ethyl methacrylate

Concen: 134.099 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 69 Resp: 33512

Ion Ratio Lower Upper

69 100

41 61.1 25.9 77.7

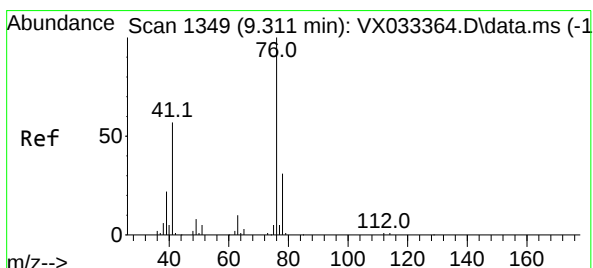
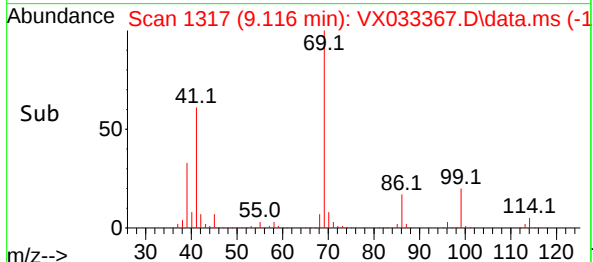
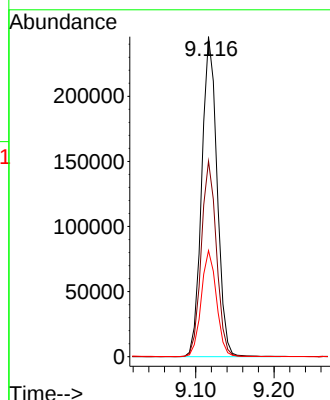
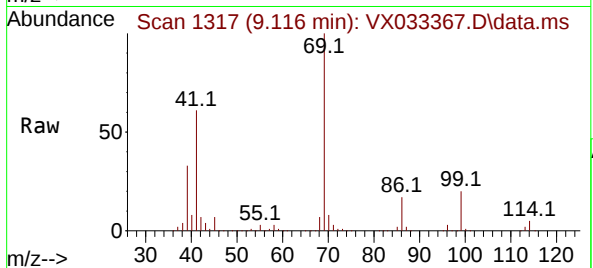
39 33.1 17.8 53.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#52

1,3-Dichloropropane

Concen: 131.499 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX033367.D

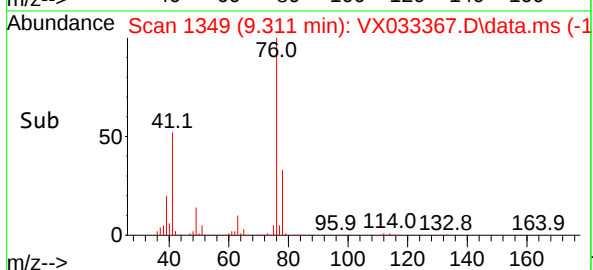
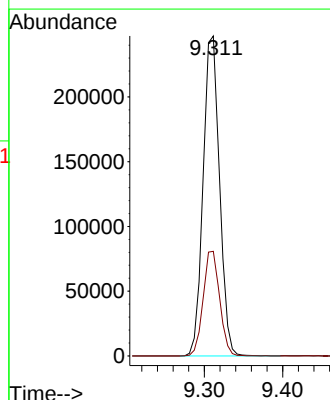
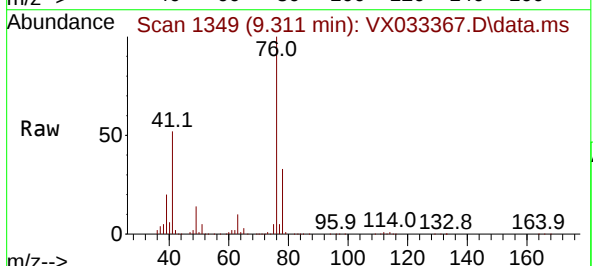
Acq: 12 Dec 2022 12:07

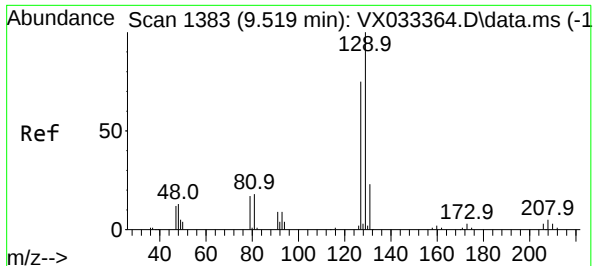
Tgt Ion: 76 Resp: 359749

Ion Ratio Lower Upper

76 100

78 32.9 0.0 66.0





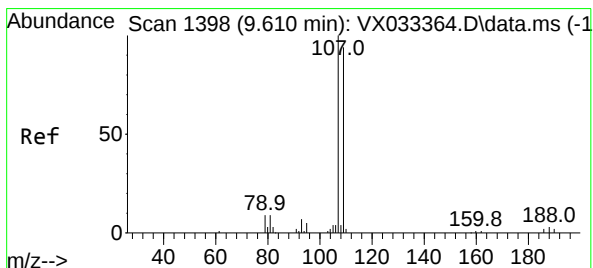
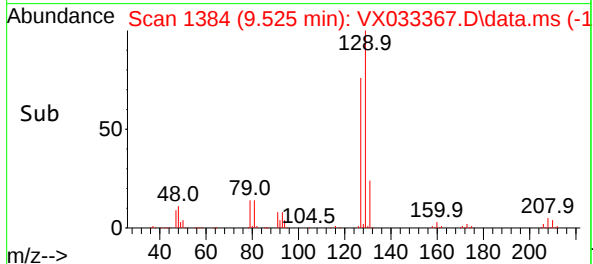
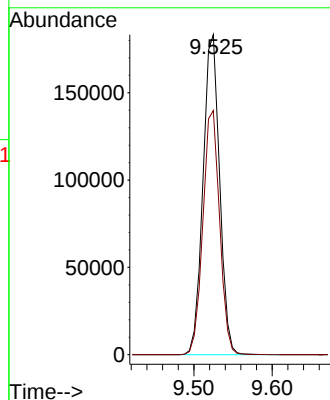
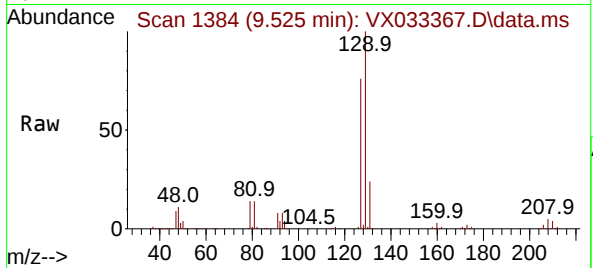
#53
Dibromochloromethane
Concen: 147.937 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 269214
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

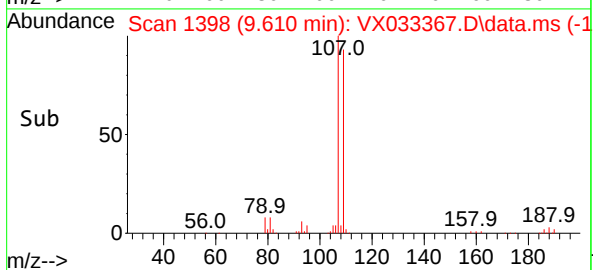
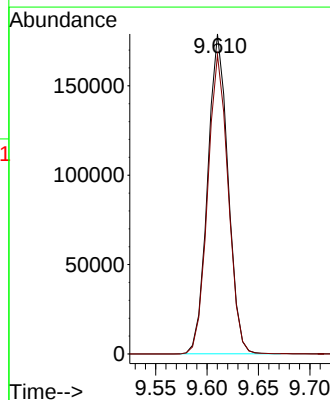
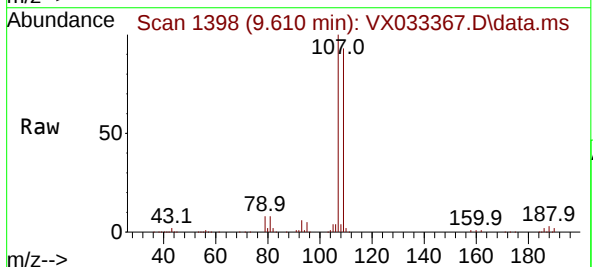
Manual Integrations
APPROVED

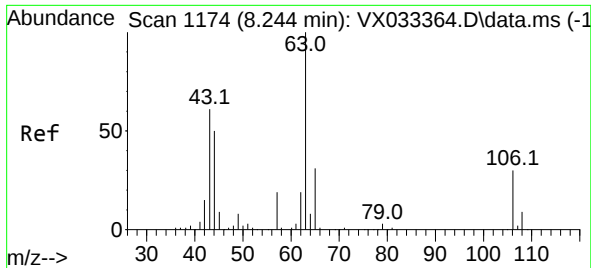
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
1,2-Dibromoethane
Concen: 136.816 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion:107 Resp: 246605
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6





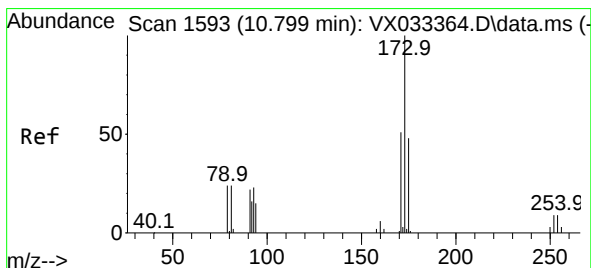
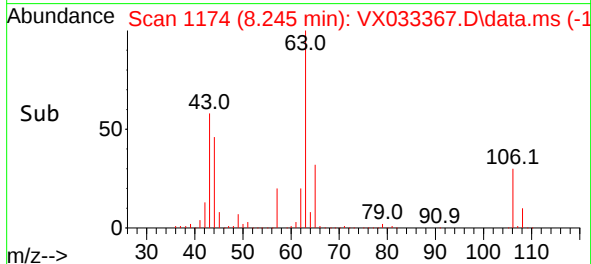
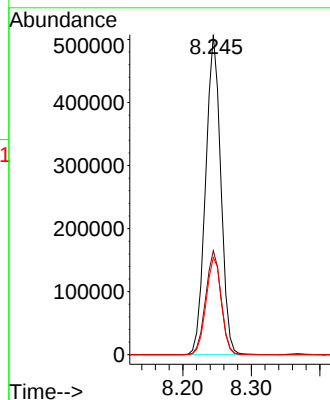
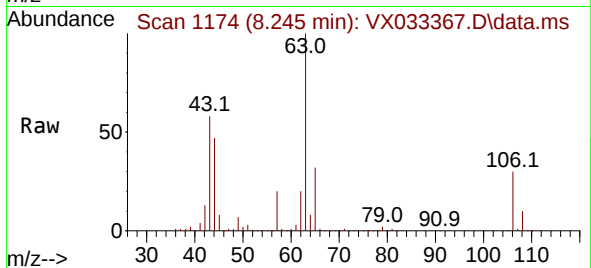
#55
2-Chloroethyl vinyl ether
Concen: 646.142 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 78034
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 30.9 28.9 43.3

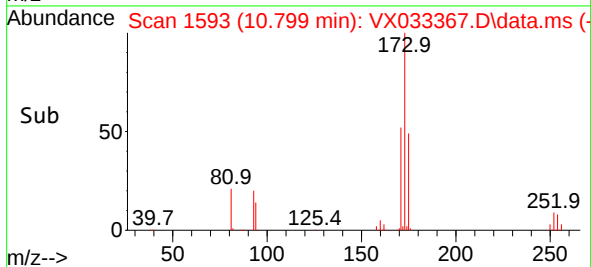
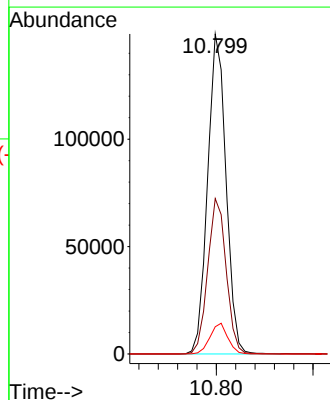
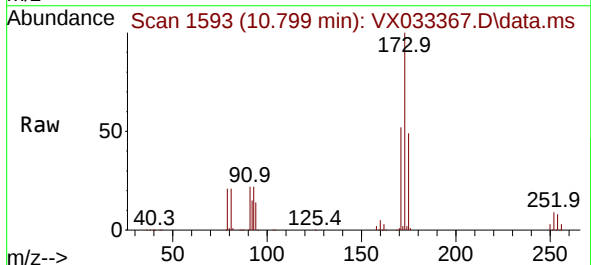
Manual Integrations
APPROVED

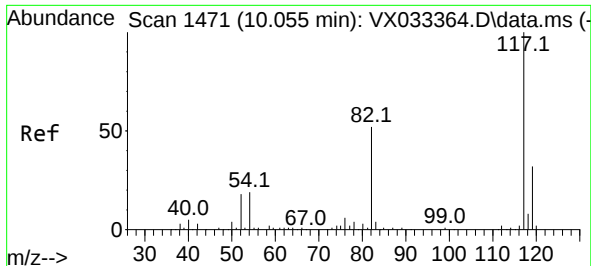
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Bromoform
Concen: 151.230 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion:173 Resp: 197034
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 9.3 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 117 Resp: 11139

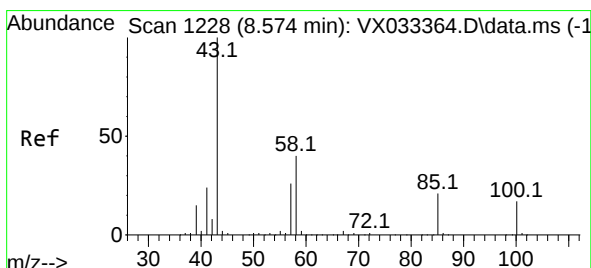
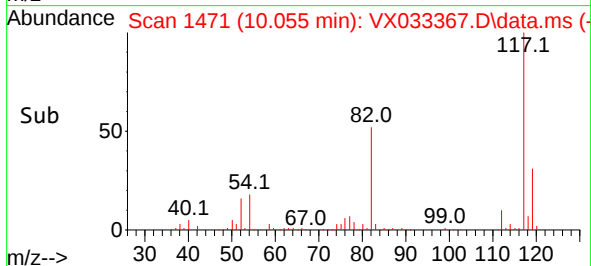
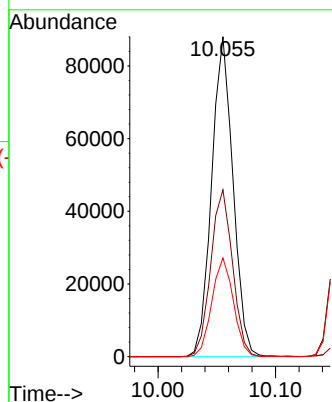
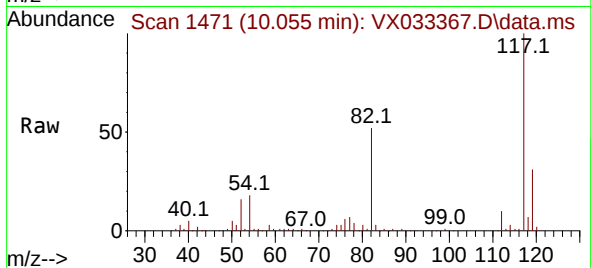
Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.0	60.0
119	31.2	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

4-Methyl-2-Pentanone

Concen: 568.956 ug/l

RT: 8.574 min Scan# 1228

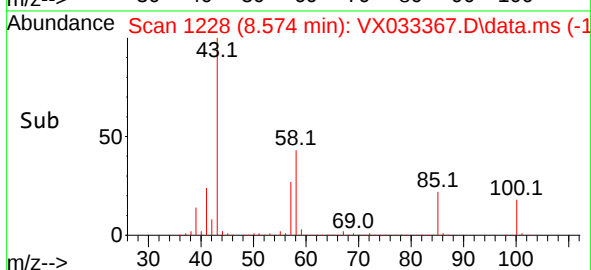
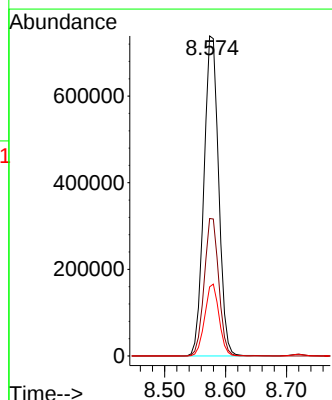
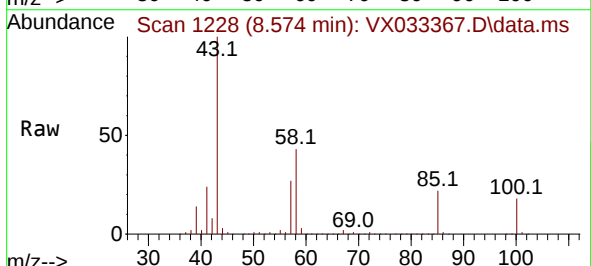
Delta R.T. 0.000 min

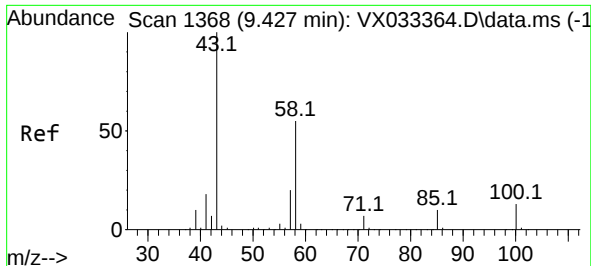
Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Tgt Ion: 43 Resp: 1240687

Ion	Ratio	Lower	Upper
43	100		
58	42.5	34.9	52.3
85	21.8	19.4	29.2





#59

2-Hexanone

Concen: 571.007 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 916779

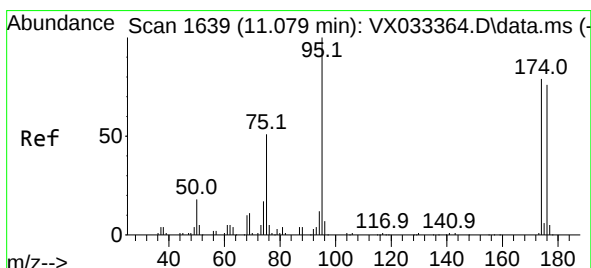
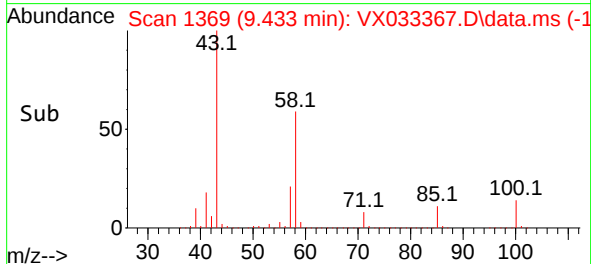
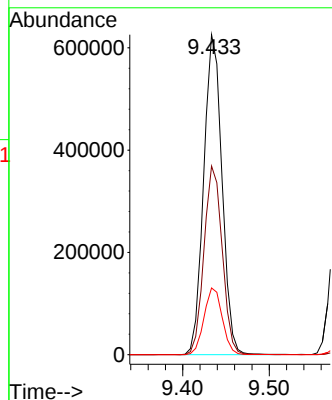
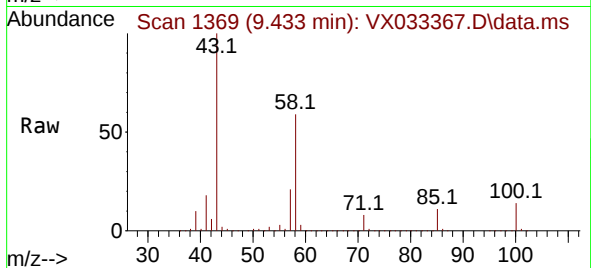
Ion	Ratio	Lower	Upper
43	100		
58	58.8	49.0	73.6
57	20.9	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#60

4-Bromofluorobenzene

Concen: 28.385 ug/l

RT: 11.079 min Scan# 1639

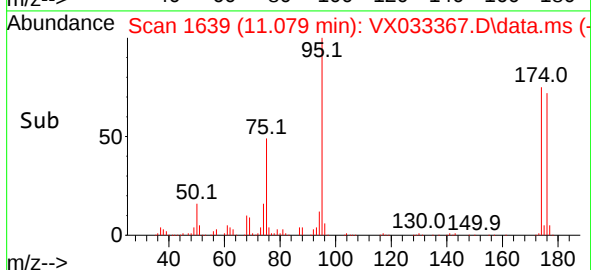
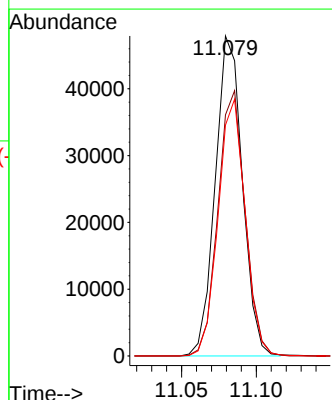
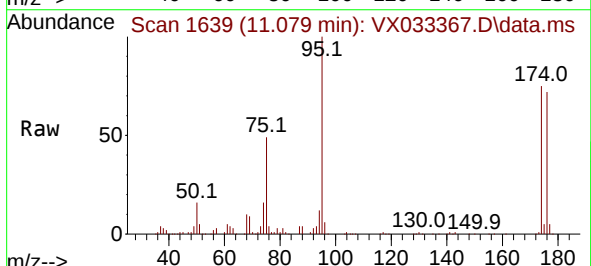
Delta R.T. 0.000 min

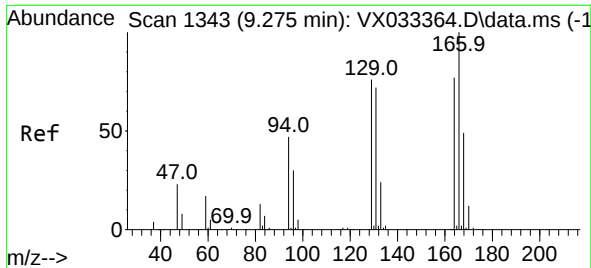
Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Tgt Ion: 95 Resp: 60484

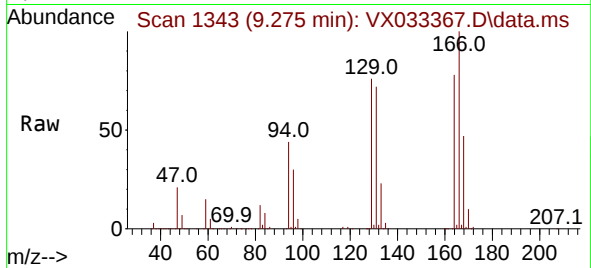
Ion	Ratio	Lower	Upper
95	100		
174	82.9	68.2	102.2
176	80.0	68.1	102.1





#61
Tetrachloroethene
Concen: 132.600 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

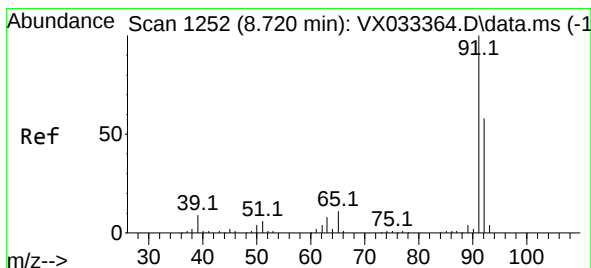
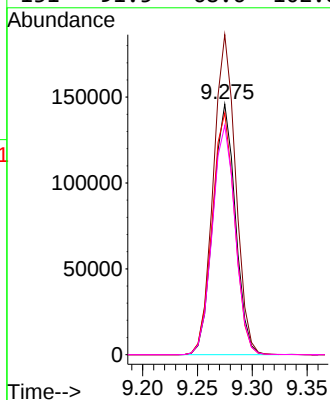
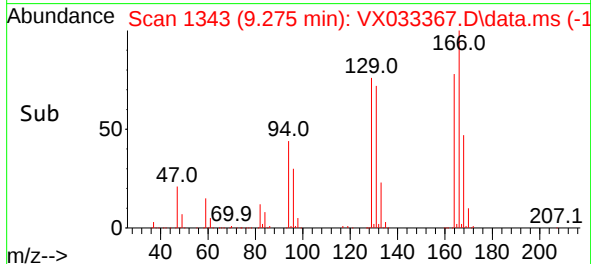
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



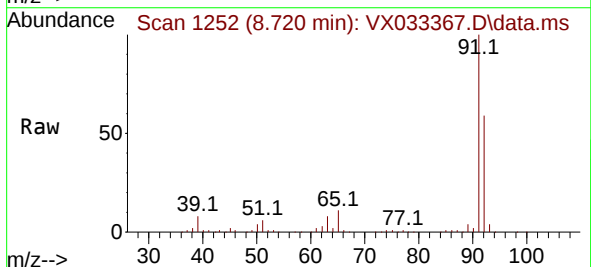
Tgt Ion:164 Resp: 20643
Ion Ratio Lower Upper
164 100
166 127.7 102.8 154.2
129 96.5 73.0 109.4
131 91.5 68.6 102.8

Manual Integrations
APPROVED

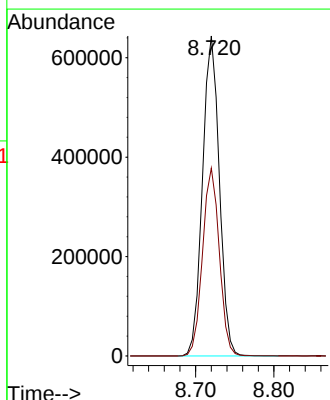
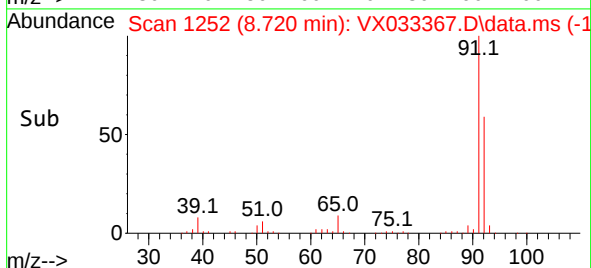
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

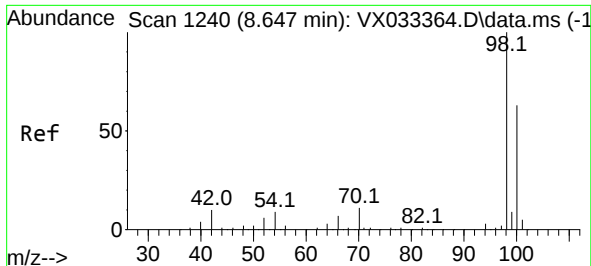


#62
Toluene
Concen: 132.545 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07



Tgt Ion: 91 Resp: 960205
Ion Ratio Lower Upper
91 100
92 58.4 47.3 70.9





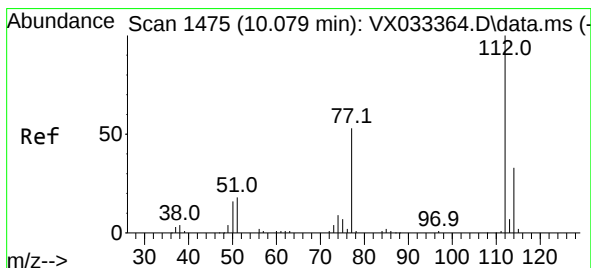
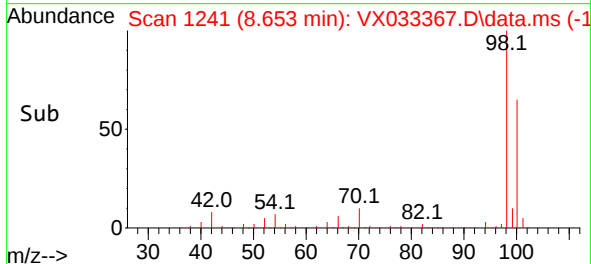
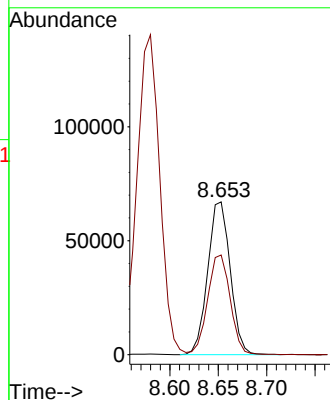
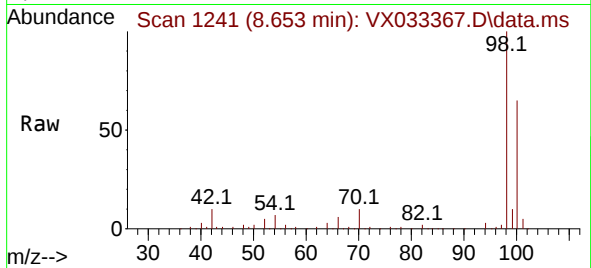
#63
Toluene-d8
Concen: 28.944 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 108812
Ion Ratio Lower Upper
98 100
100 65.3 53.8 80.8

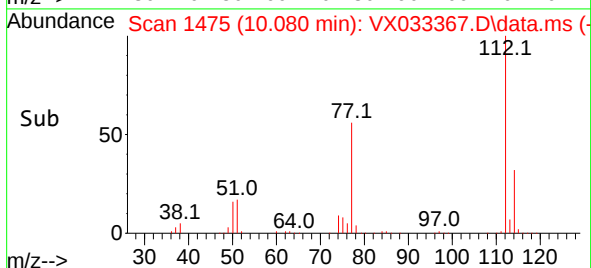
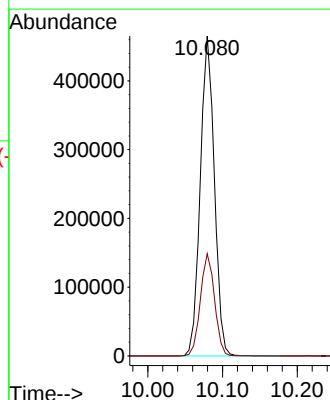
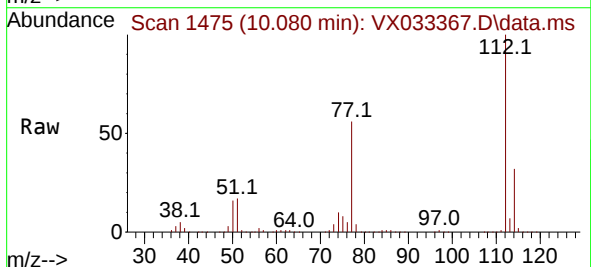
Manual Integrations
APPROVED

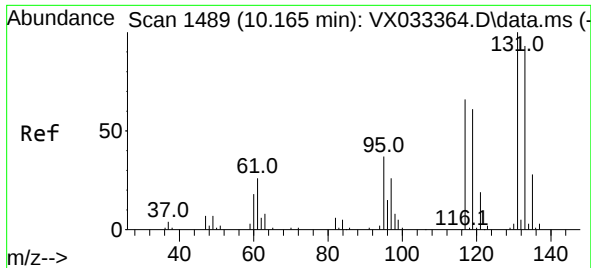
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#64
Chlorobenzene
Concen: 135.753 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

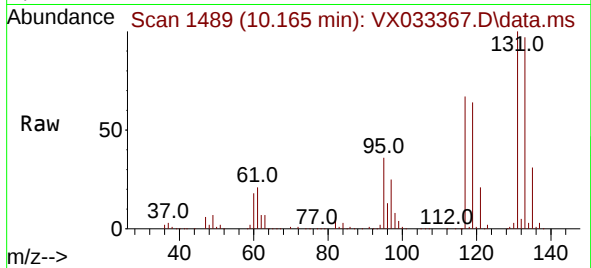
Tgt Ion:112 Resp: 608007
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 140.418 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

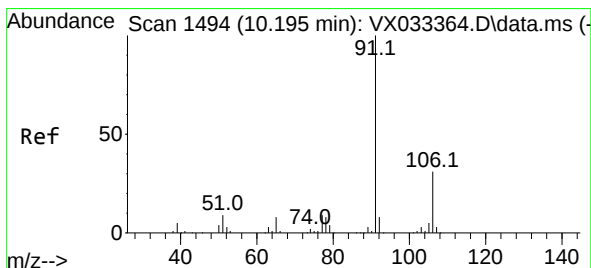
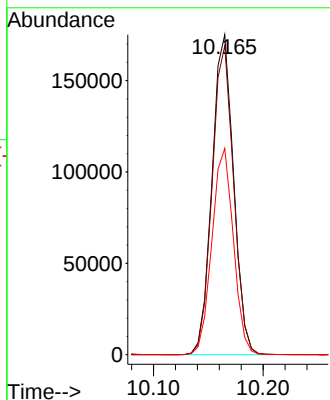
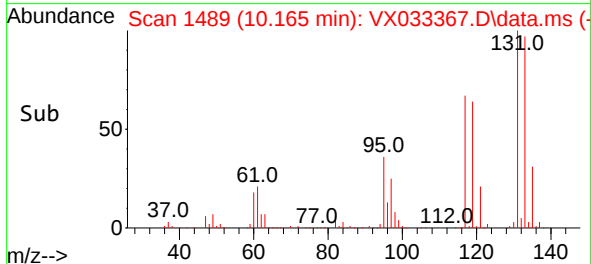
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 239574
Ion Ratio Lower Upper
131 100
133 96.3 0.0 189.4
119 64.3 0.0 127.0

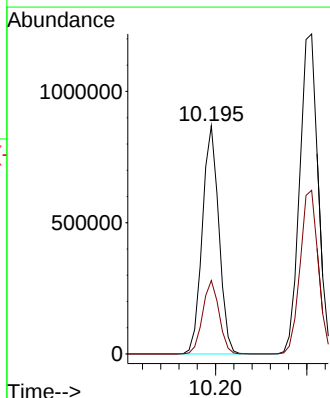
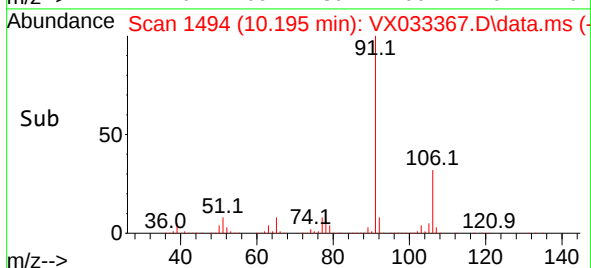
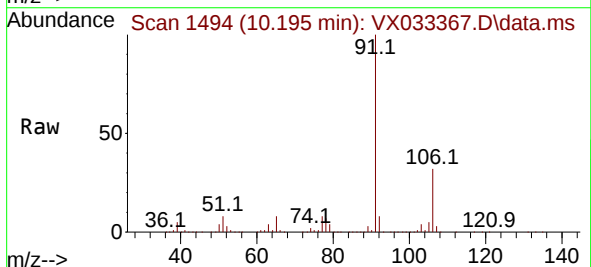
Manual Integrations
APPROVED

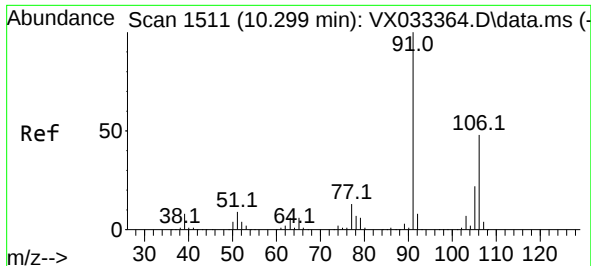
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#66
Ethyl Benzene
Concen: 134.111 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion: 91 Resp: 1089917
Ion Ratio Lower Upper
91 100
106 32.2 26.7 40.1





#67

m/p-Xylenes

Concen: 271.954 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:106 Resp: 859974

Ion Ratio Lower Upper

106 100

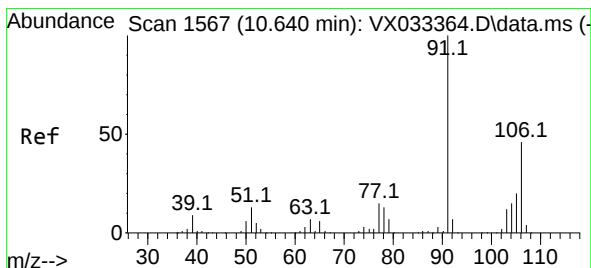
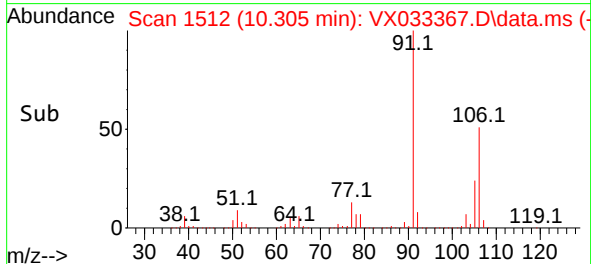
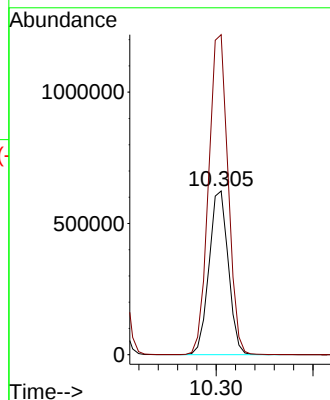
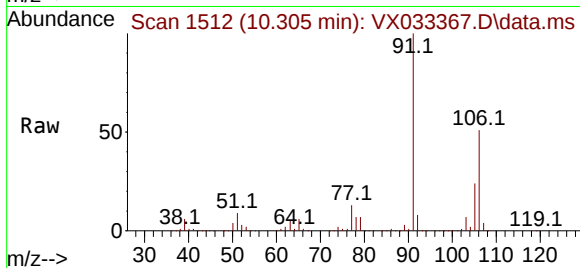
91 197.7 152.3 228.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#68

o-Xylene

Concen: 134.130 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033367.D

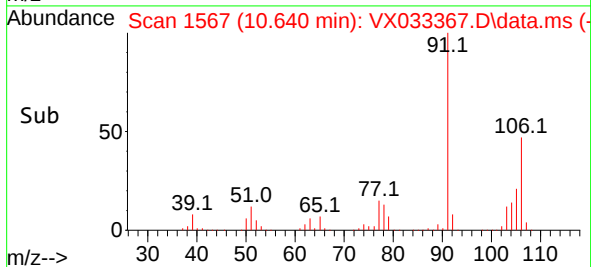
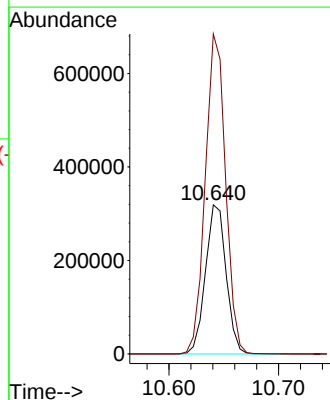
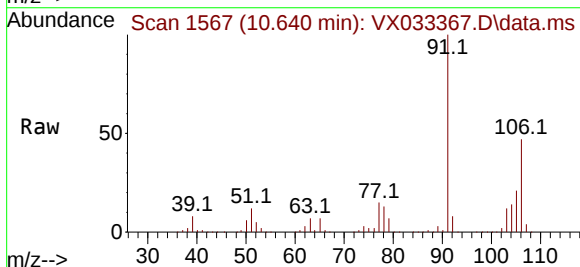
Acq: 12 Dec 2022 12:07

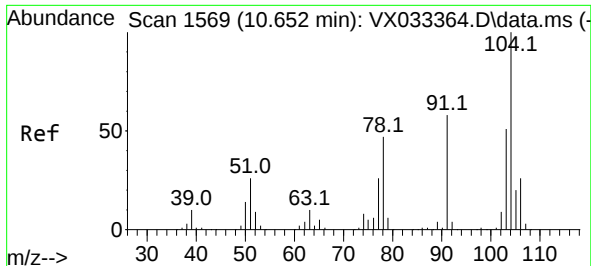
Tgt Ion:106 Resp: 416181

Ion Ratio Lower Upper

106 100

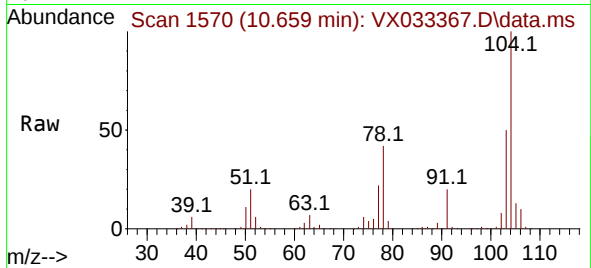
91 210.5 101.9 305.7





#69
Styrene
Concen: 135.817 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

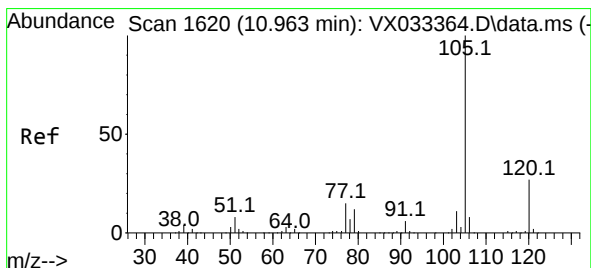
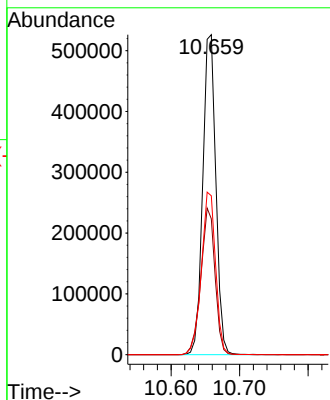
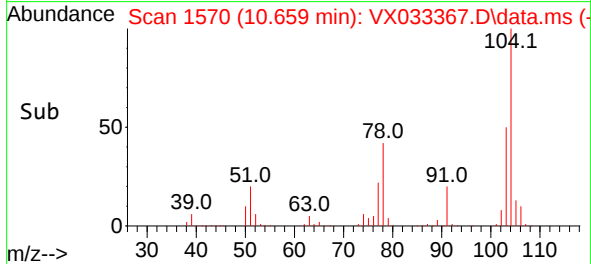
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



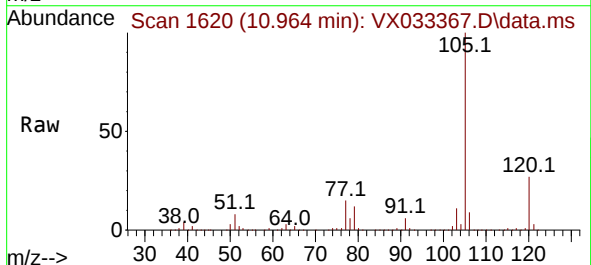
Tgt Ion:104 Resp: 700610
Ion Ratio Lower Upper
104 100
78 49.3 36.6 55.0
103 55.1 43.3 64.9

Manual Integrations
APPROVED

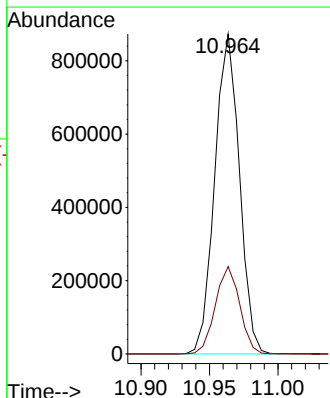
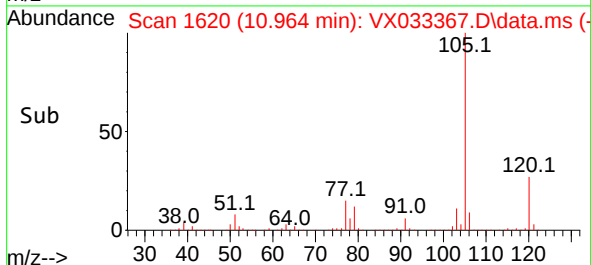
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

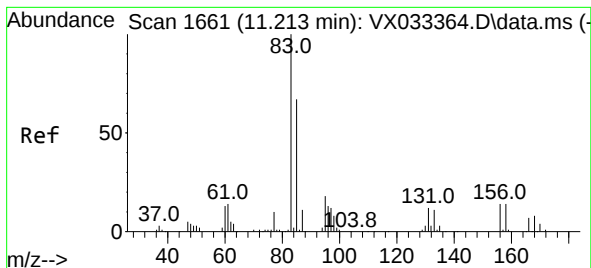


#70
Isopropylbenzene
Concen: 131.765 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07



Tgt Ion:105 Resp: 1091776
Ion Ratio Lower Upper
105 100
120 27.0 19.3 35.9





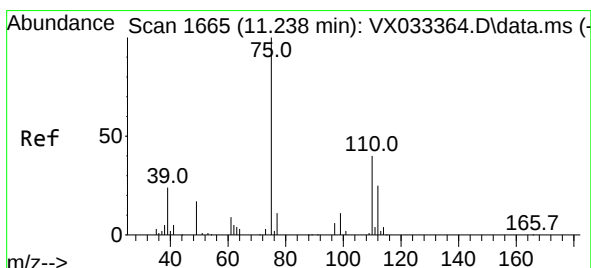
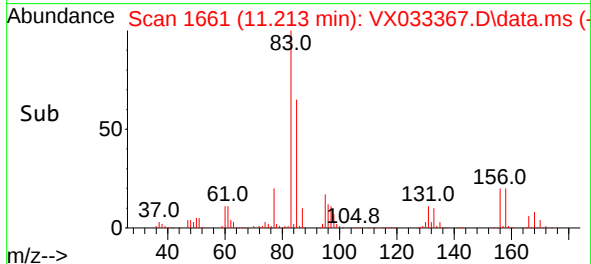
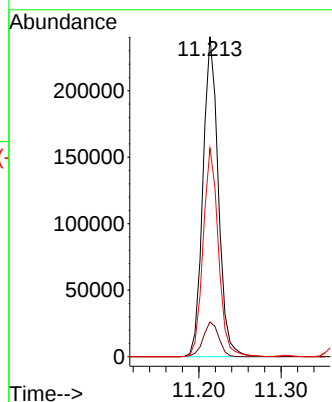
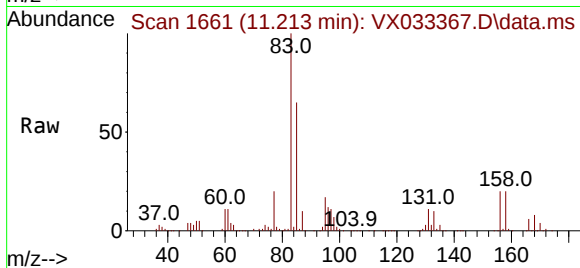
#71
1,1,2,2-Tetrachloroethane
Concen: 124.394 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 312574
Ion Ratio Lower Upper
83 100
131 11.1 6.0 18.1
85 64.8 32.8 98.3

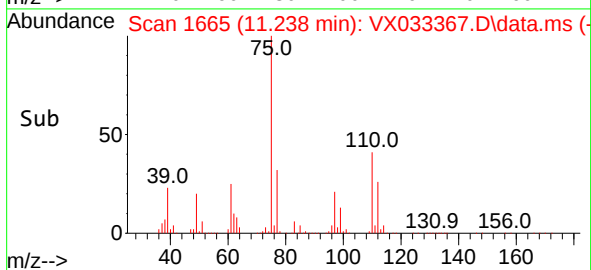
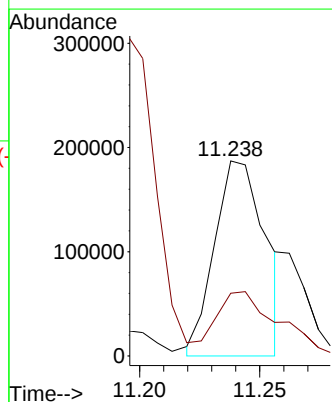
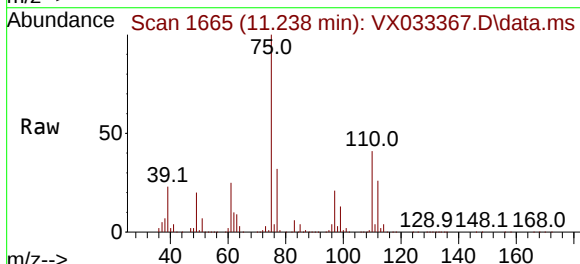
Manual Integrations
APPROVED

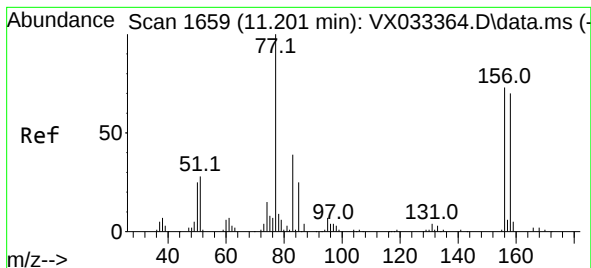
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#72
1,2,3-Trichloropropane
Concen: 126.005 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Tgt Ion: 75 Resp: 274987
Ion Ratio Lower Upper
75 100
77 41.3 0.0 76.6





#73

Bromobenzene

Concen: 134.529 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

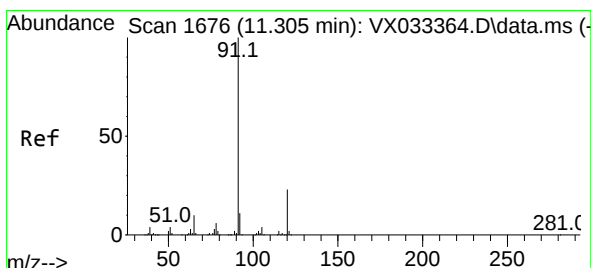
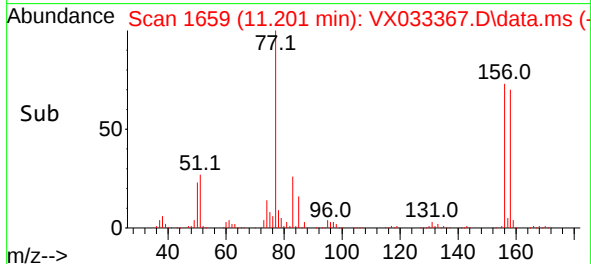
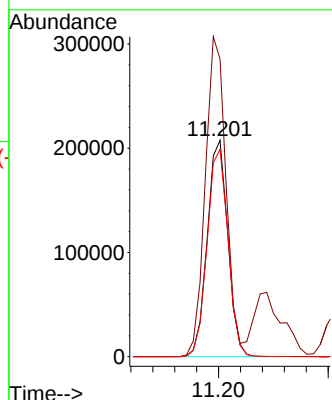
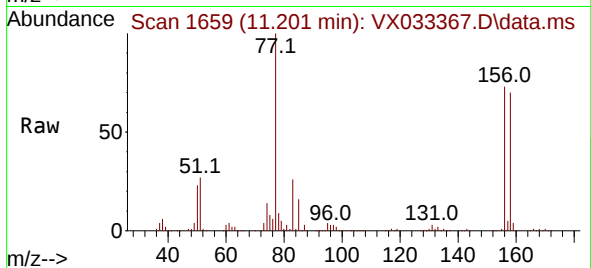
Tgt Ion:	156	Resp:	270790
Ion Ratio	Lower	Upper	
156	100		
77	147.2	0.0	259.2
158	97.0	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#74

n-propylbenzene

Concen: 133.914 ug/l

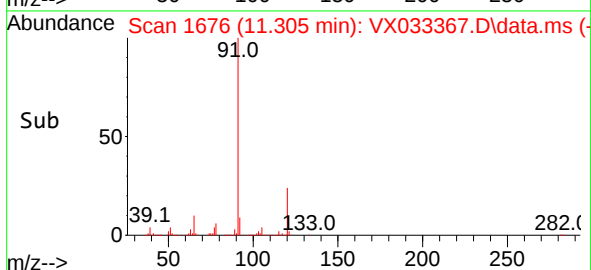
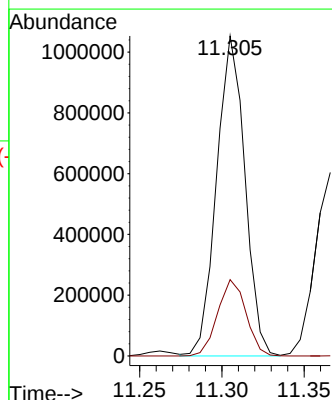
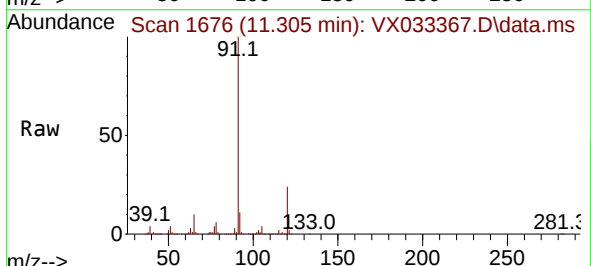
RT: 11.305 min Scan# 1676

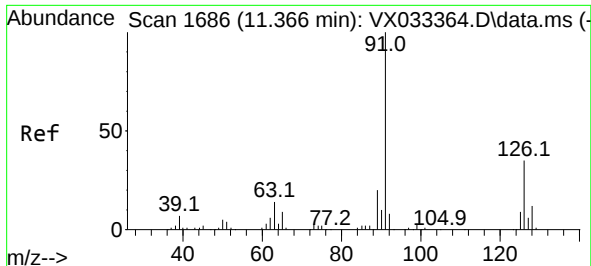
Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Tgt Ion:	91	Resp:	1260700
Ion Ratio	Lower	Upper	
91	100		
120	23.9	0.0	51.0





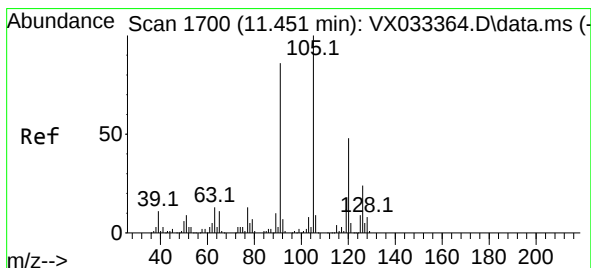
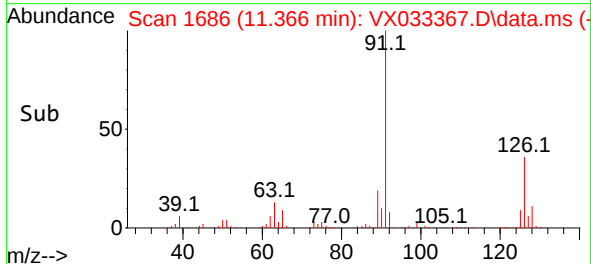
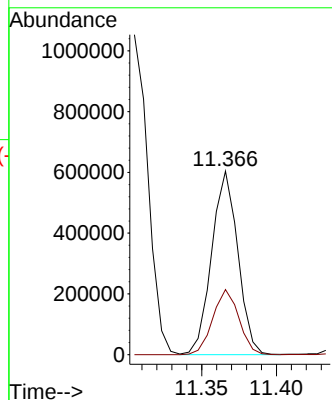
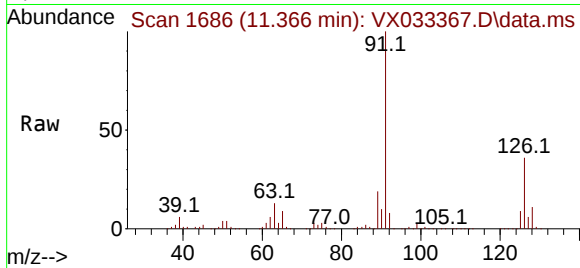
#75
2-Chlorotoluene
Concen: 129.274 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 73685
Ion Ratio Lower Upper
91 100
126 35.3 0.0 76.4

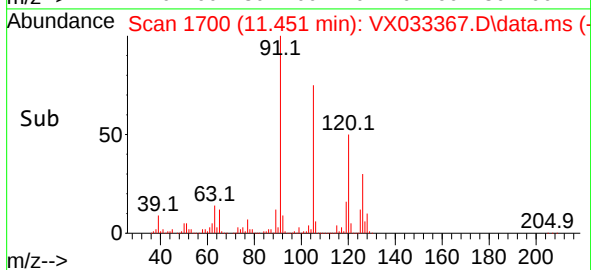
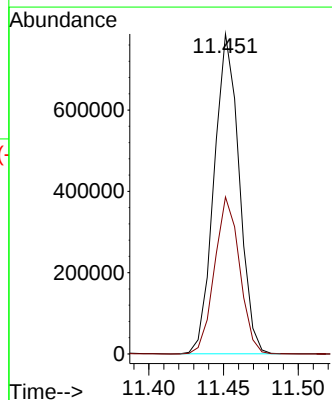
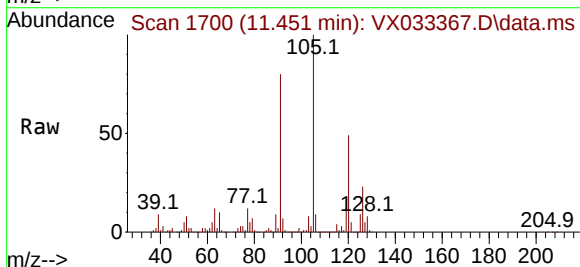
Manual Integrations
APPROVED

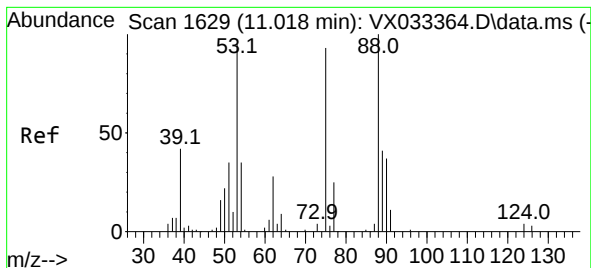
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#76
1,3,5-Trimethylbenzene
Concen: 131.057 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

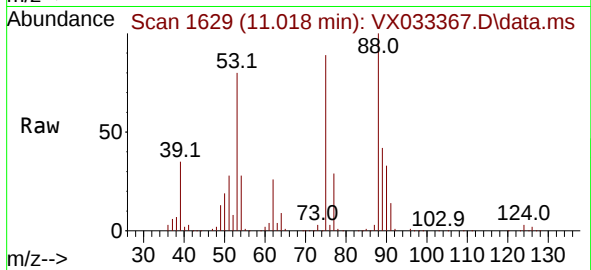
Tgt Ion:105 Resp: 917996
Ion Ratio Lower Upper
105 100
120 49.0 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 157.982 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

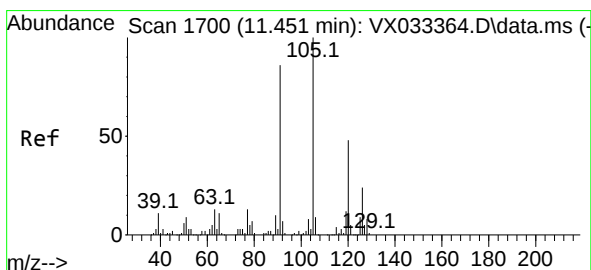
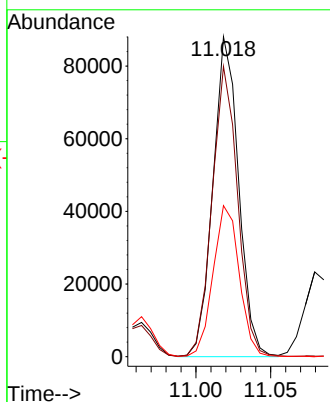
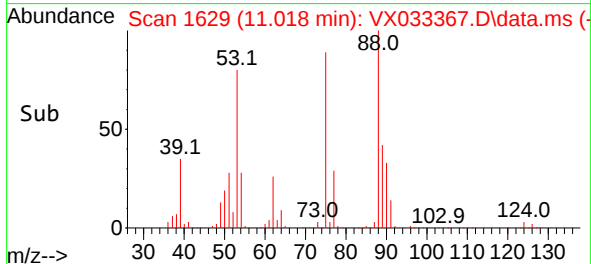
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 10520
Ion Ratio Lower Upper
75 100
53 90.7 51.8 155.4
89 47.1 22.9 68.8

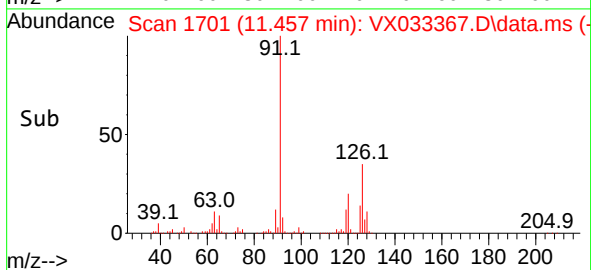
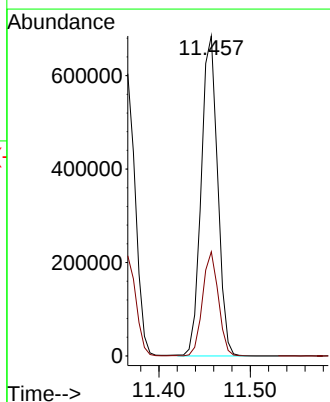
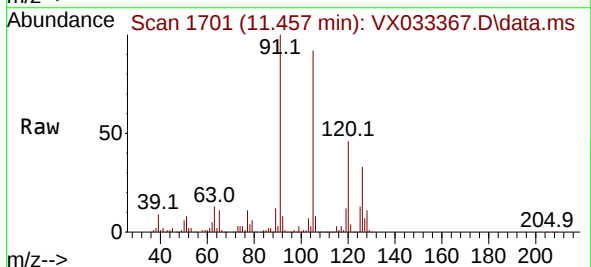
Manual Integrations
APPROVED

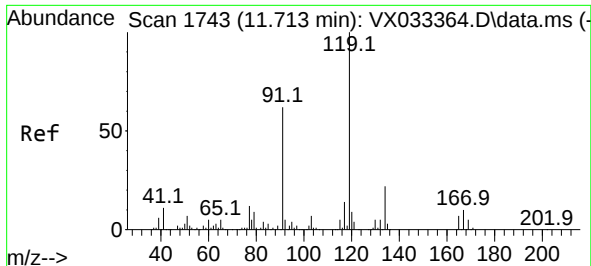
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#78
4-Chlorotoluene
Concen: 129.925 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

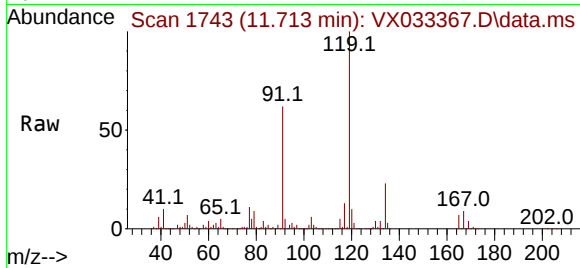
Tgt Ion: 91 Resp: 853056
Ion Ratio Lower Upper
91 100
126 31.3 0.0 67.0





#79
tert-butylbenzene
Concen: 132.599 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

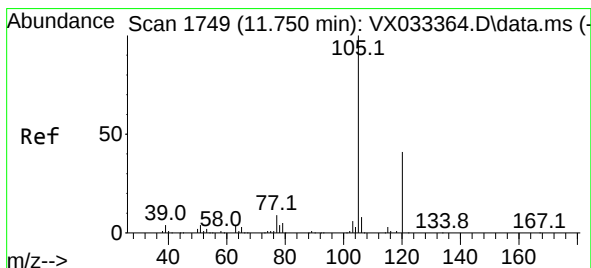
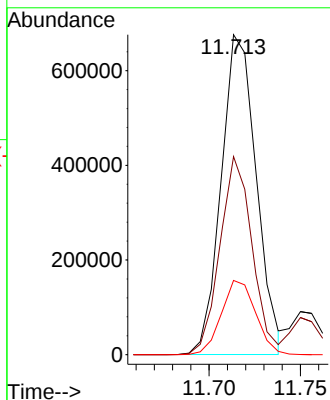
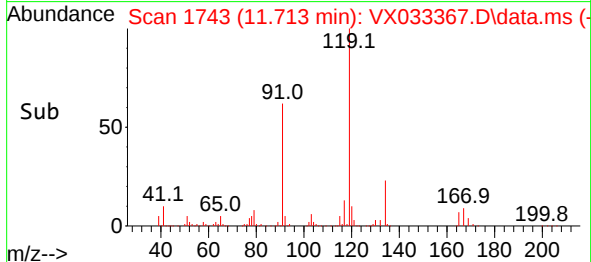
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



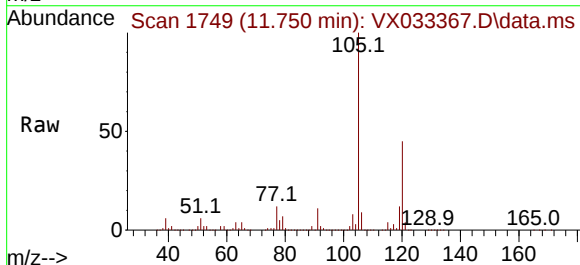
Tgt Ion:119 Resp: 902608
Ion Ratio Lower Upper
119 100
91 56.9 0.0 112.0
134 22.7 0.0 51.0

Manual Integrations
APPROVED

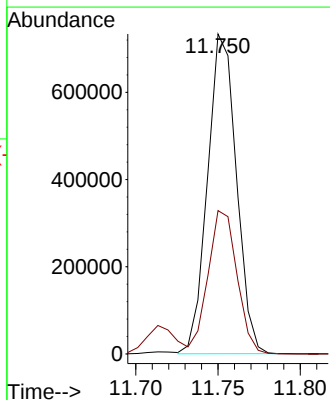
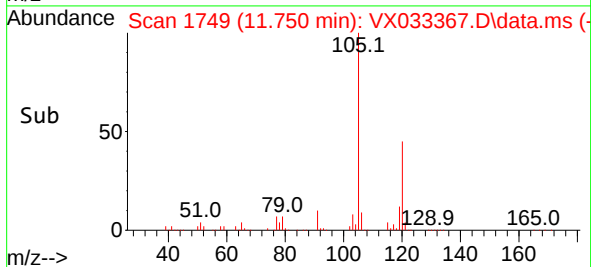
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

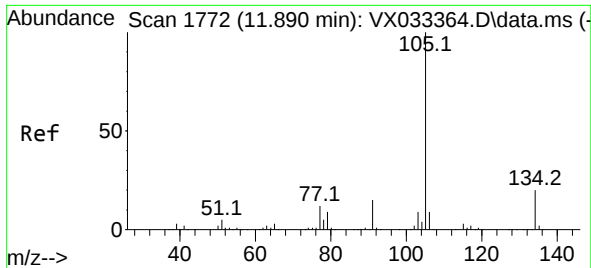


#80
1,2,4-Trimethylbenzene
Concen: 130.637 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07



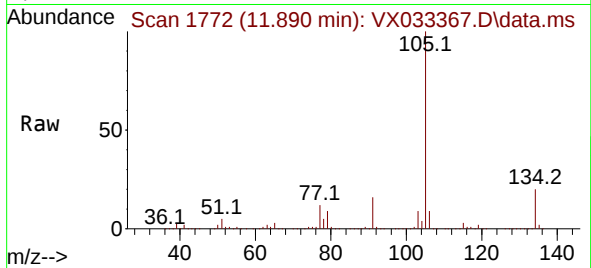
Tgt Ion:105 Resp: 894679
Ion Ratio Lower Upper
105 100
120 45.0 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 133.053 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033367.D
 Acq: 12 Dec 2022 12:07

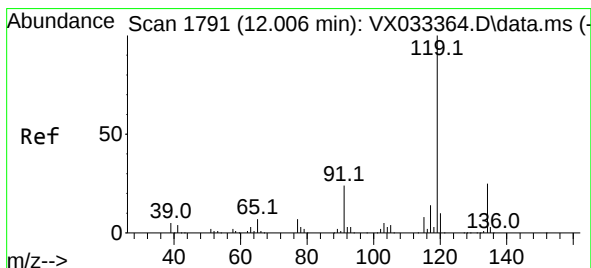
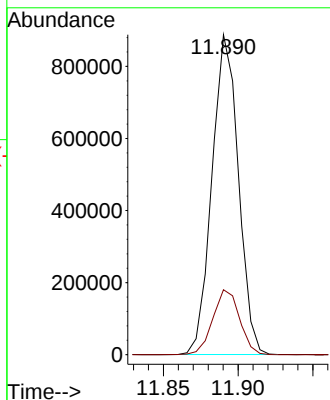
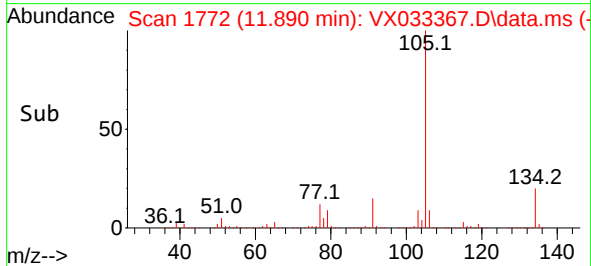
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



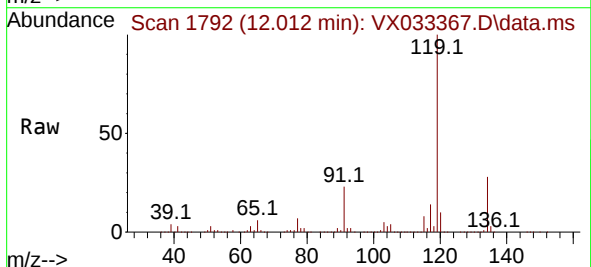
Tgt Ion:105 Resp: 109038
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 44.4

Manual Integrations
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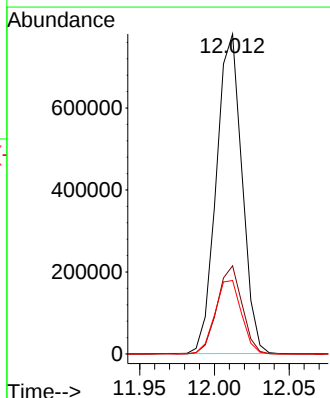
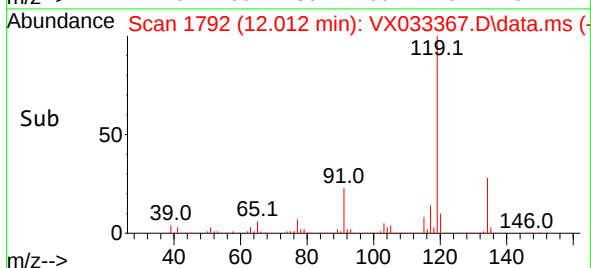
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

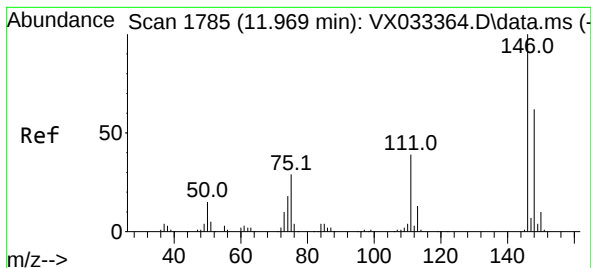


#82
 p-Isopropyltoluene
 Concen: 134.879 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033367.D
 Acq: 12 Dec 2022 12:07



Tgt Ion:119 Resp: 931536
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 55.4
 91 23.8 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 134.000 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 49485

Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.1

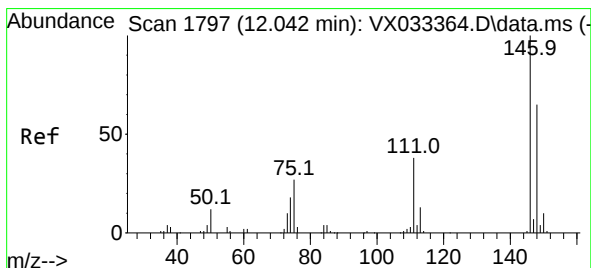
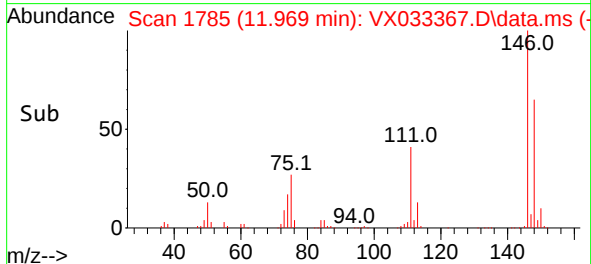
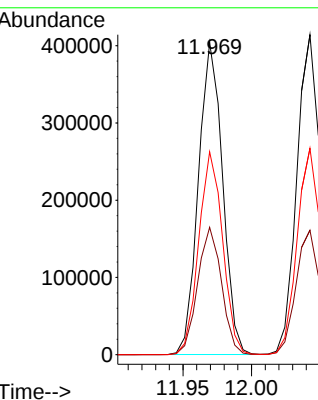
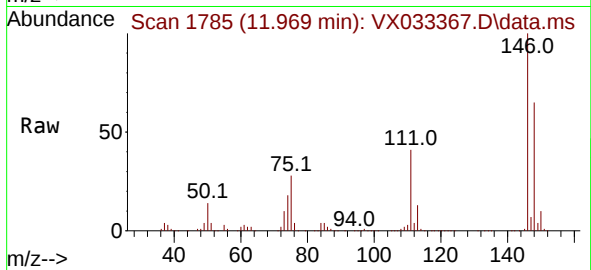
148 64.4 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#84

1,4-Dichlorobenzene

Concen: 134.094 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033367.D

Acq: 12 Dec 2022 12:07

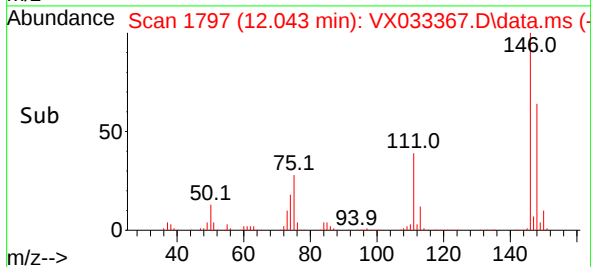
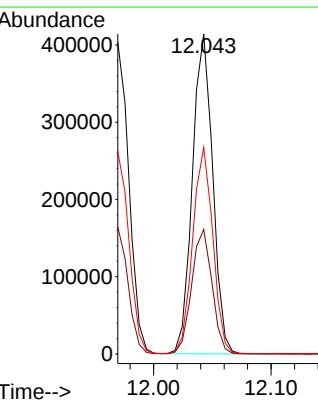
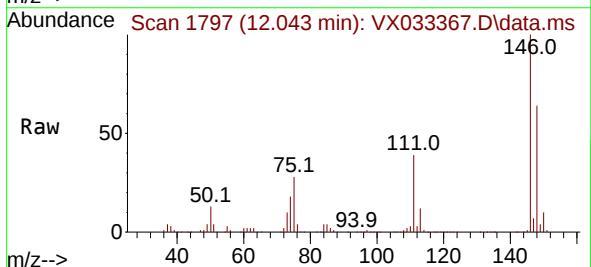
Tgt Ion:146 Resp: 497288

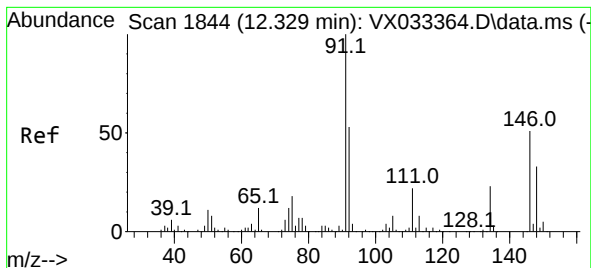
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.5

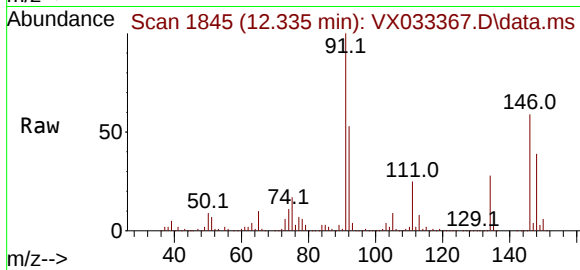
148 64.0 31.6 95.0





#85
n-Butylbenzene
Concen: 138.214 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

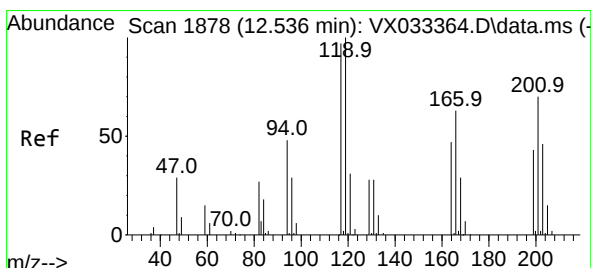
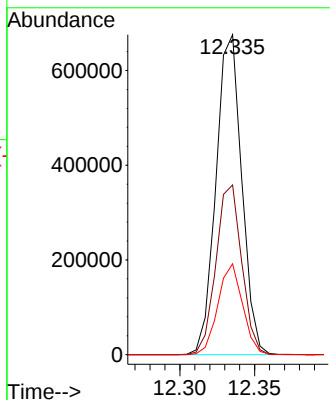
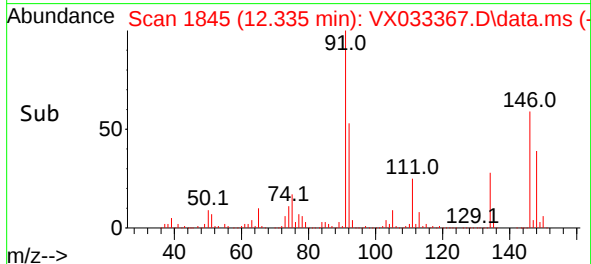
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



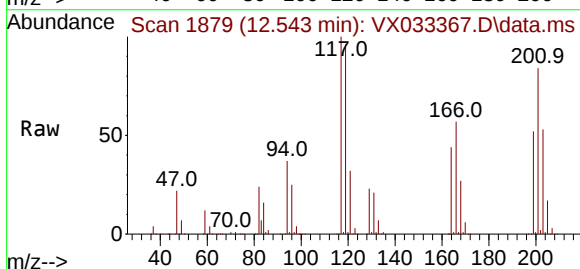
Tgt Ion: 91 Resp: 80905
Ion Ratio Lower Upper
91 100
92 53.2 0.0 108.4
134 27.2 0.0 60.6

Manual Integrations
APPROVED

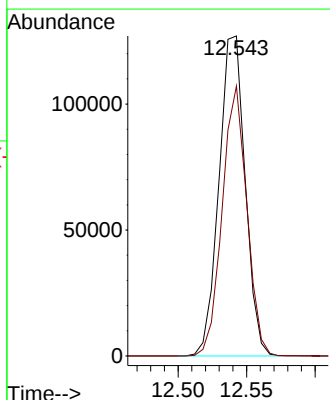
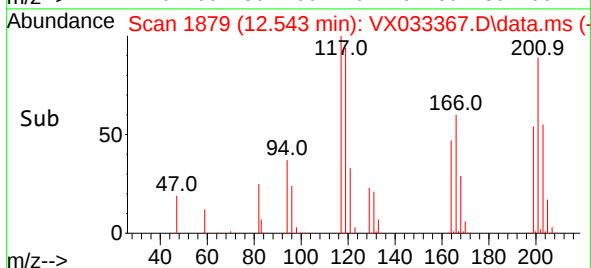
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

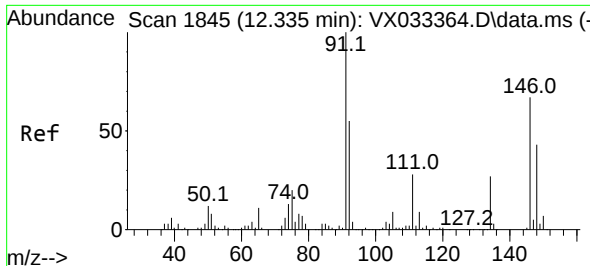


#86
Hexachloroethane
Concen: 148.969 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07



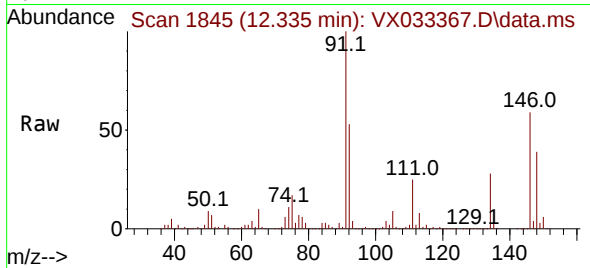
Tgt Ion:117 Resp: 168900
Ion Ratio Lower Upper
117 100
201 79.1 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 130.377 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

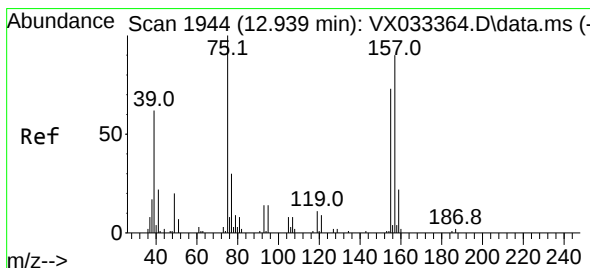
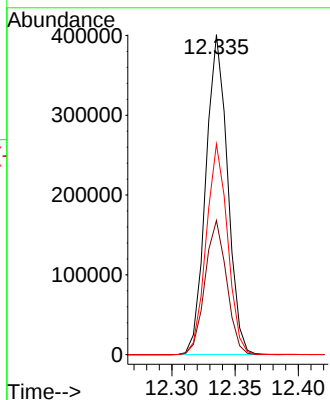
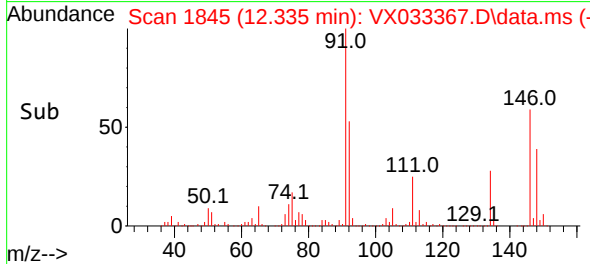
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



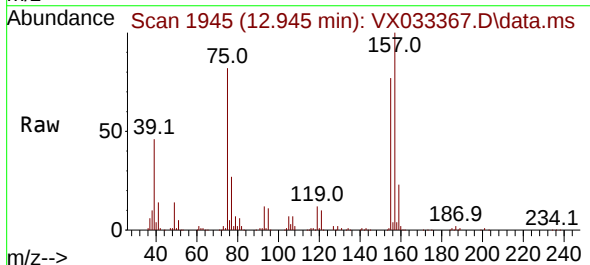
Tgt Ion:146 Resp: 478630
Ion Ratio Lower Upper
146 100
111 41.8 20.0 60.0
148 64.8 33.0 99.0

Manual Integrations
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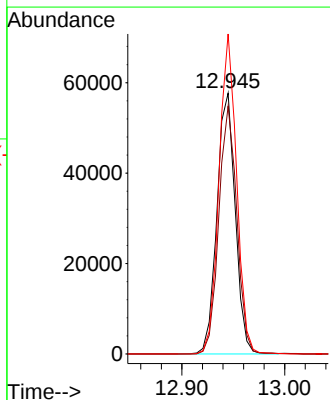
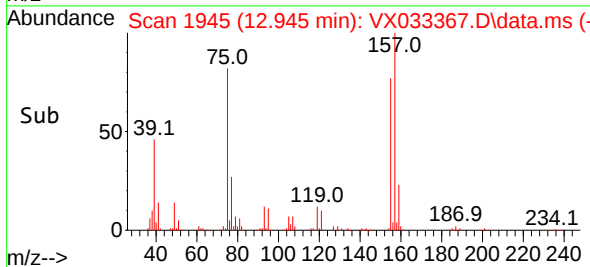
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

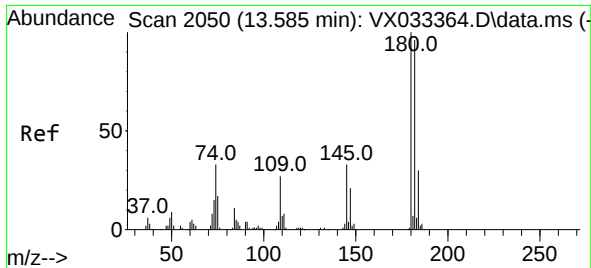


#88
1,2-Dibromo-3-Chloropropane
Concen: 133.725 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07



Tgt Ion: 75 Resp: 71289
Ion Ratio Lower Upper
75 100
155 93.4 85.0 127.6
157 117.8 101.0 151.6





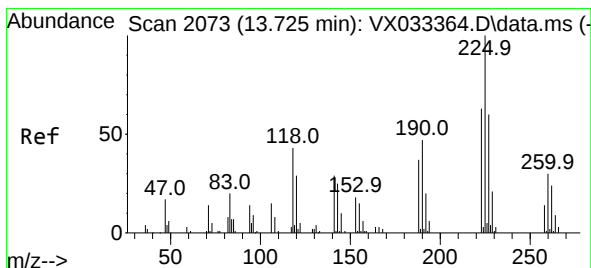
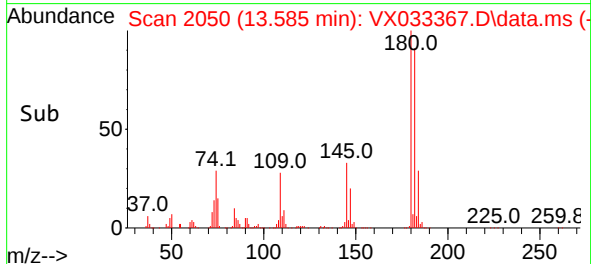
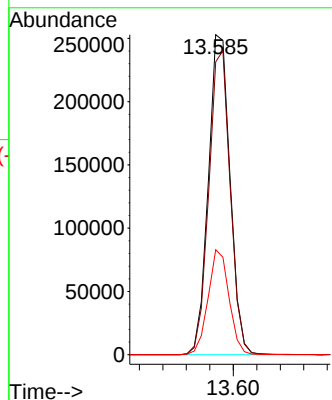
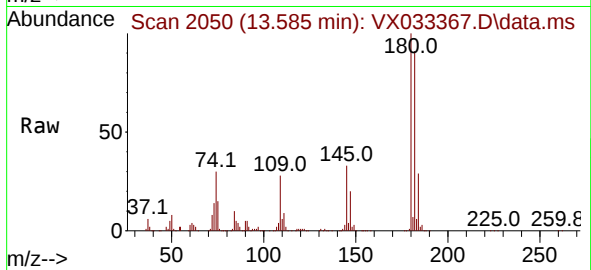
#89
1,2,4-Trichlorobenzene
Concen: 143.908 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:180 Resp: 324459
Ion Ratio Lower Upper
180 100
182 93.7 75.3 112.9
145 31.6 25.9 38.9

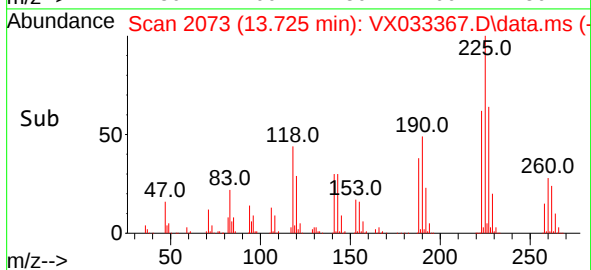
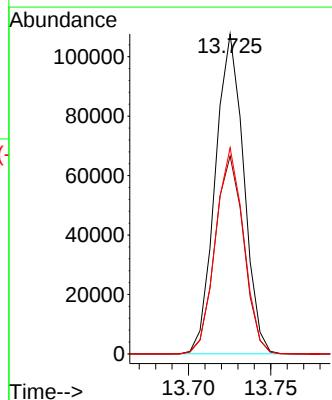
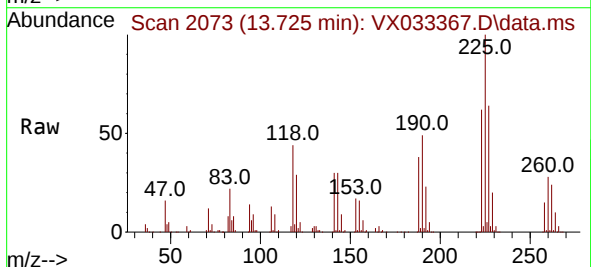
Manual Integrations
APPROVED

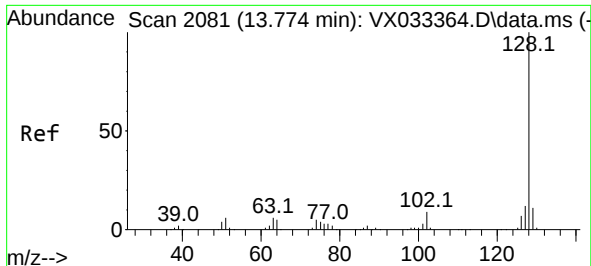
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachlorobutadiene
Concen: 142.791 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

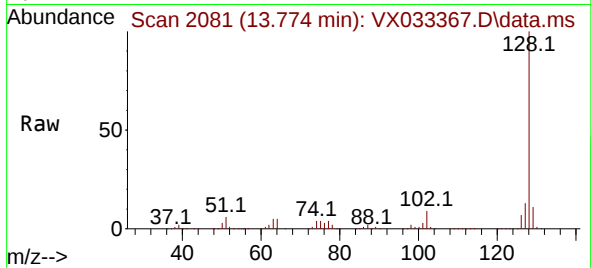
Tgt Ion:225 Resp: 129576
Ion Ratio Lower Upper
225 100
223 62.6 0.0 126.0
227 63.8 0.0 127.6





#91
Naphthalene
Concen: 136.968 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07

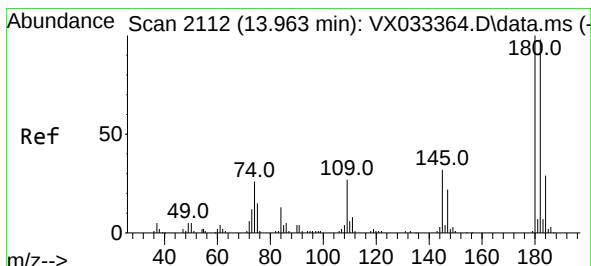
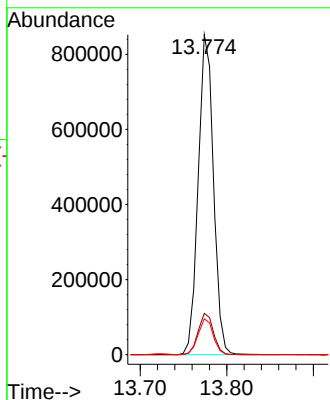
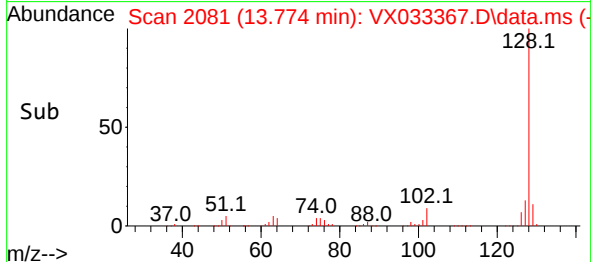
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



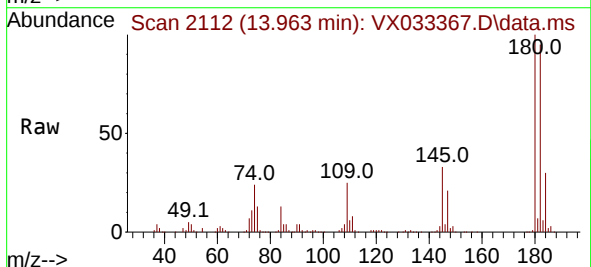
Tgt Ion:128 Resp: 1042300
Ion Ratio Lower Upper
128 100
127 13.0 9.9 14.9
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2,3-Trichlorobenzene
Concen: 141.258 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033367.D
Acq: 12 Dec 2022 12:07



Tgt Ion:180 Resp: 320319
Ion Ratio Lower Upper
180 100
182 95.3 0.0 199.0
145 33.2 0.0 68.2

