

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034962.D
 Acq On : 07 Apr 2023 11:04
 Operator : JC/MD
 Sample : VX0407WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Mahesh Dadoda 04/10/2023

Quant Time: Apr 07 23:56:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	27202	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.757	114	196087	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	210396	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	86375	33.047	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.167%#			
60) 4-Bromofluorobenzene	11.079	95	128685	30.610	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.033%			
63) Toluene-d8	8.647	98	215883	30.193	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	65384	25.343	ug/l	98
3) Chloromethane	1.294	50	70797	21.163	ug/l	98
4) Vinyl Chloride	1.374	62	69640	21.099	ug/l	99
5) Bromomethane	1.611	94	36452	16.790	ug/l	98
6) Chloroethane	1.685	64	43580	20.289	ug/l	93
7) Trichlorofluoromethane	1.886	101	101527	19.311	ug/l	100
8) Diethyl Ether	2.130	74	38228	20.197	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	60913	22.837	ug/l	99
10) 1,1-Dichloroethene	2.319	96	55418	20.525	ug/l	97
11) Methyl Iodide	2.453	142	52854	15.372	ug/l	99
12) Methyl Acetate	2.703	43	126785	21.204	ug/l	97
13) Acrolein	2.233	56	69134	99.704	ug/l	99
14) Acrylonitrile	3.062	53	167394	101.666	ug/l	97
15) Acetone	2.380	58	51745	115.760	ug/l	94
16) Carbon Disulfide	2.514	76	132422	19.174	ug/l	98
17) Allyl chloride	2.660	41	107958	20.662	ug/l	98
18) Methylene Chloride	2.788	84	64123	20.160	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	59741	20.220	ug/l	97
20) Diisopropyl ether	3.757	45	223329	20.864	ug/l	92
21) 1,1-Dichloroethane	3.605	63	118988	20.789	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	71130	20.671	ug/l	98
23) tert-Butyl Alcohol	2.977	59	72740m	98.189	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	207114	20.642	ug/l	99
25) Chloroform	5.086	83	123084	21.143	ug/l	99
26) Cyclohexane	5.464	56	103167	20.569	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	90921	20.160	ug/l	98
30) 2-Butanone	4.550	43	255936	101.758	ug/l	99
31) 2,2-Dichloropropane	4.471	77	94372	20.634	ug/l #	80
32) 1,1,1-Trichloroethane	5.379	97	105209	19.885	ug/l	99
33) Carbon Tetrachloride	5.678	117	88663	20.305	ug/l	94
34) Benzene	6.038	78	256293	19.555	ug/l	100
35) Methacrylonitrile	4.916	41	53866	19.567	ug/l	98
36) 1,2-Dichloroethane	6.080	62	104381	20.313	ug/l	100
37) Trichloroethene	7.123	130	65427	19.615	ug/l	95
38) Methylcyclohexane	7.379	83	97500	19.788	ug/l	96
39) 1,2-Dichloropropane	7.428	63	65221	19.145	ug/l	99
40) Dibromomethane	7.580	93	45888	19.608	ug/l	99
41) Bromodichloromethane	7.818	83	86905	19.715	ug/l	98
42) Vinyl Acetate	3.715	43	804395	98.033	ug/l	100

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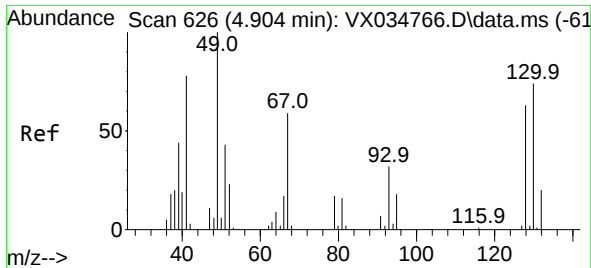
Manual Integrations
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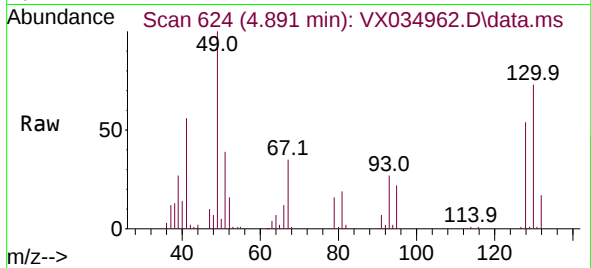
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	97060	19.898	ug/l	100
44) Isopropyl Acetate	6.336	43	152519	18.470	ug/l	99
45) 1,4-Dioxane	7.684	88	32778	400.658	ug/l	96
46) Methyl methacrylate	7.690	41	79415	19.738	ug/l	95
47) n-amyl Acetate	10.842	43	130060	18.117	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	88738	18.476	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	100360	19.020	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	63909	19.602	ug/l	98
51) Ethyl methacrylate	9.116	69	100291	18.953	ug/l	98
52) 1,3-Dichloropropane	9.305	76	112865	19.597	ug/l	99
53) Dibromochloromethane	9.519	129	62064	19.243	ug/l	99
54) 1,2-Dibromoethane	9.604	107	66182	18.977	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	280340	100.673	ug/l	99
56) Bromoform	10.799	173	40096	18.030	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	486377	100.826	ug/l	99
59) 2-Hexanone	9.427	43	371056	102.163	ug/l	100
61) Tetrachloroethene	9.269	164	57686	20.348	ug/l	93
62) Toluene	8.714	91	275575	20.031	ug/l	100
64) Chlorobenzene	10.079	112	169983	20.064	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	60292	19.907	ug/l	99
66) Ethyl Benzene	10.195	91	312134	20.371	ug/l	100
67) m/p-Xylenes	10.299	106	234409	40.206	ug/l	98
68) o-Xylene	10.640	106	113694	19.719	ug/l	96
69) Styrene	10.653	104	187328	19.709	ug/l	98
70) Isopropylbenzene	10.963	105	303868	20.364	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	95718	19.515	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	81914m	18.347	ug/l	
73) Bromobenzene	11.195	156	70788	19.753	ug/l	95
74) n-propylbenzene	11.305	91	351990	20.264	ug/l	100
75) 2-Chlorotoluene	11.366	91	217229	20.060	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	253842	20.209	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	22805	16.632	ug/l	90
78) 4-Chlorotoluene	11.451	91	251461	20.255	ug/l	99
79) tert-butylbenzene	11.713	119	238859	19.920	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	253104	20.277	ug/l	98
81) sec-Butylbenzene	11.890	105	289883	19.952	ug/l	100
82) p-Isopropyltoluene	12.006	119	245036	19.985	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	133528	19.731	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	135175	19.890	ug/l	99
85) n-Butylbenzene	12.329	91	209614	19.837	ug/l	99
86) Hexachloroethane	12.536	117	36431	18.142	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	130612	19.724	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	20405	19.037	ug/l	92
89) 1,2,4-Trichlorobenzene	13.585	180	77524	19.516	ug/l	99
90) Hexachlorobutadiene	13.725	225	33552	21.901	ug/l	98
91) Naphthalene	13.774	128	272984	19.450	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	78835	19.852	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

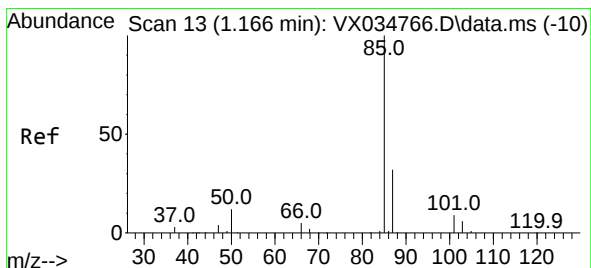
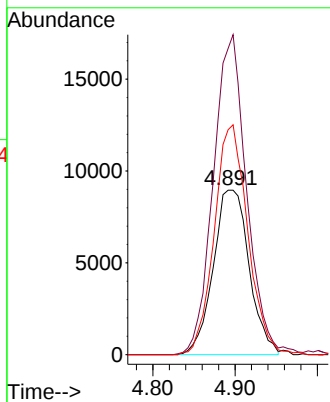
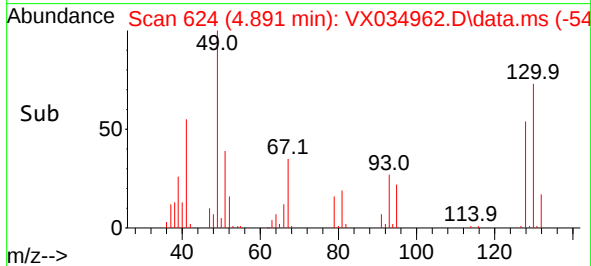
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:128 Resp: 2720
Ion Ratio Lower Upper
128 100
49 178.7 0.0 428.8
130 130.1 0.0 310.8

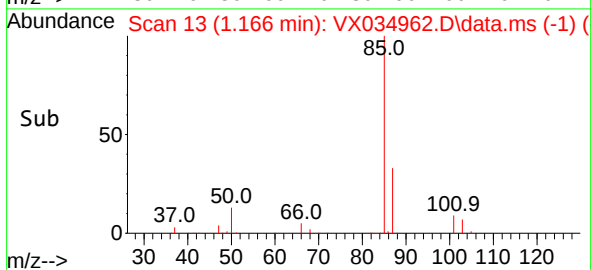
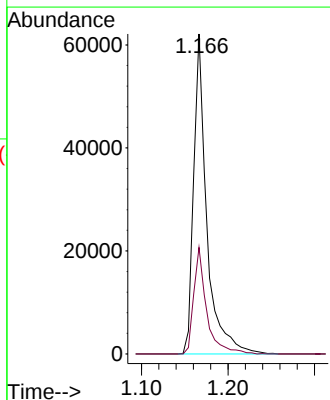
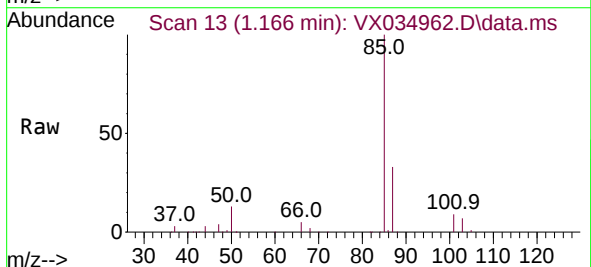
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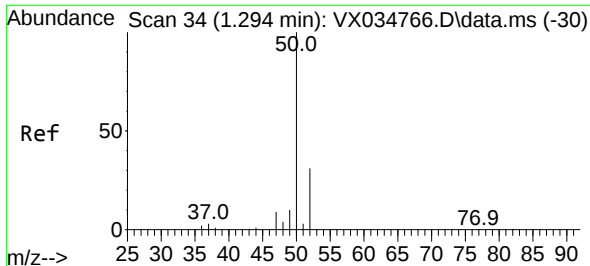
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#2
Dichlorodifluoromethane
Concen: 25.343 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

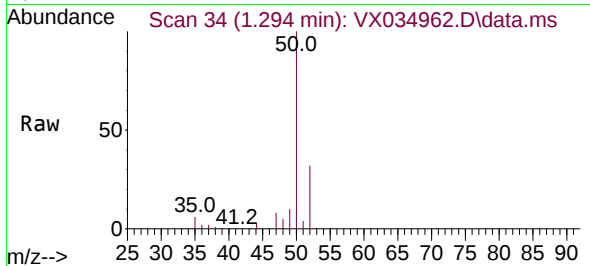
Tgt Ion: 85 Resp: 65384
Ion Ratio Lower Upper
85 100
87 33.3 16.0 48.0





#3
Chloromethane
Concen: 21.163 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

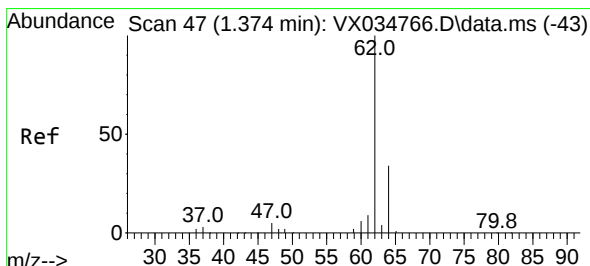
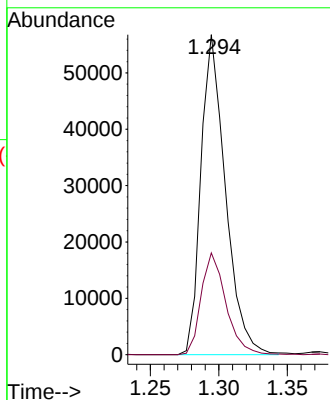
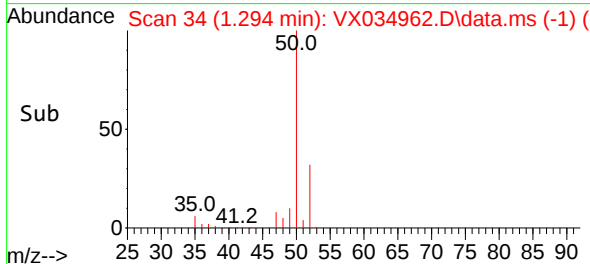
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 50 Resp: 7079
Ion Ratio Lower Upper
50 100
52 31.8 24.6 36.8

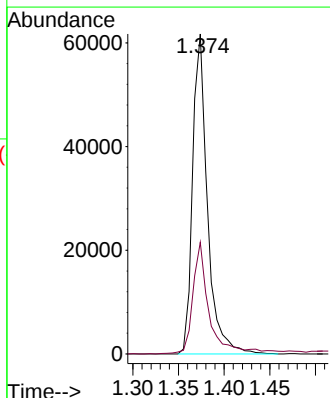
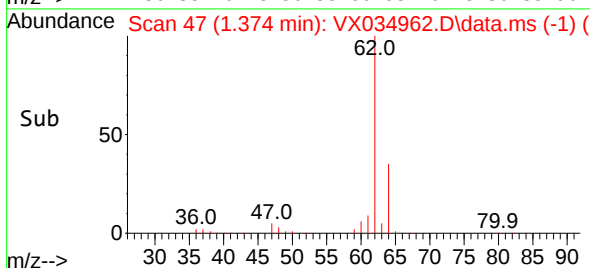
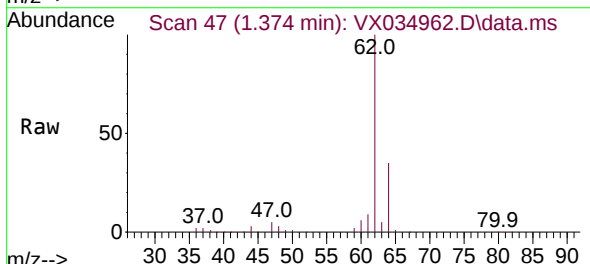
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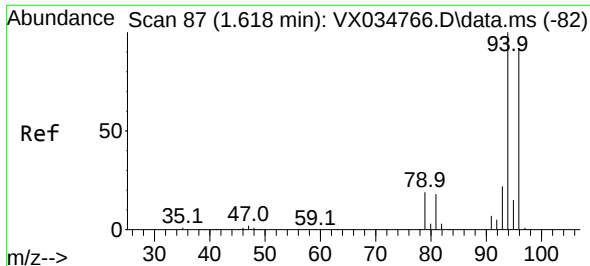
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#4
Vinyl Chloride
Concen: 21.099 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

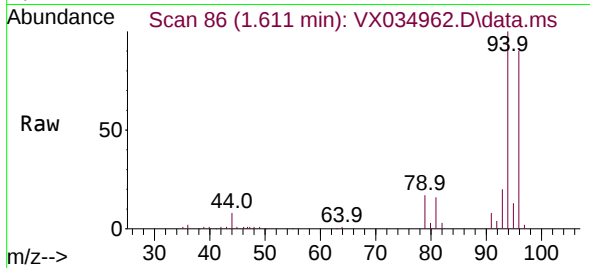
Tgt Ion: 62 Resp: 69640
Ion Ratio Lower Upper
62 100
64 34.3 26.9 40.3





#5
Bromomethane
Concen: 16.790 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

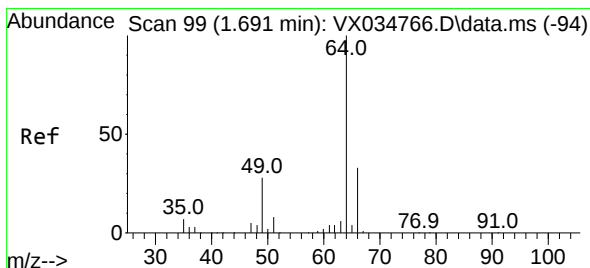
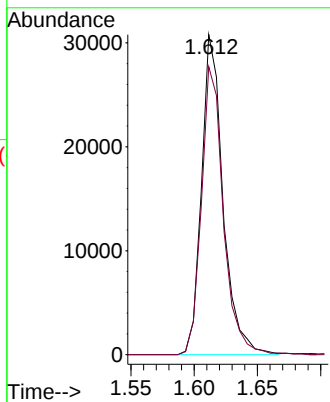
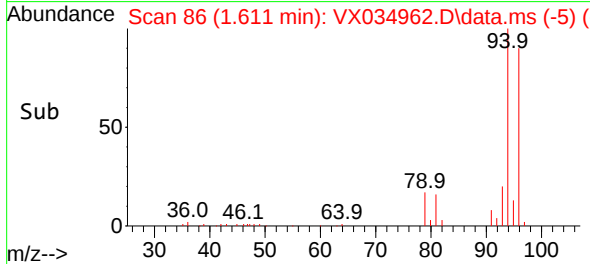
Instrument :
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ClientSampleId :
VX0407WBS01



Tgt Ion: 94 Resp: 36452
Ion Ratio Lower Upper
94 100
96 90.0 73.4 110.0

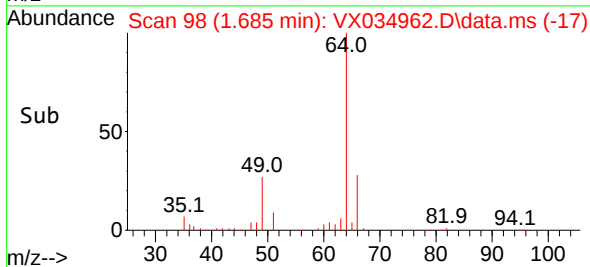
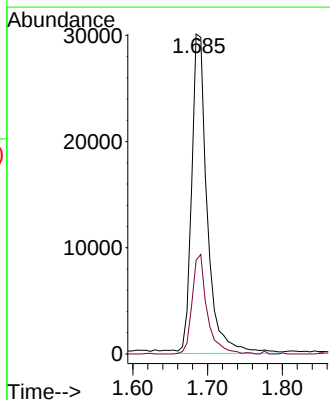
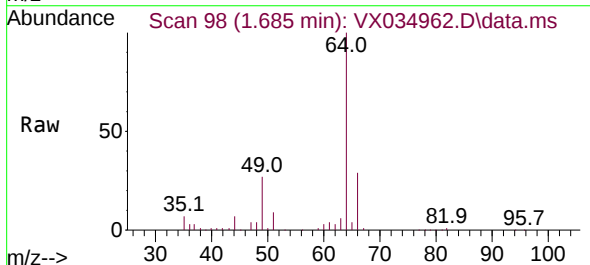
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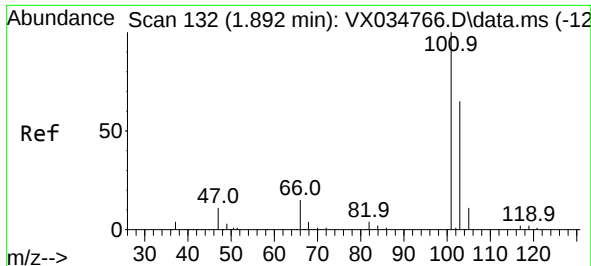
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#6
Chloroethane
Concen: 20.289 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

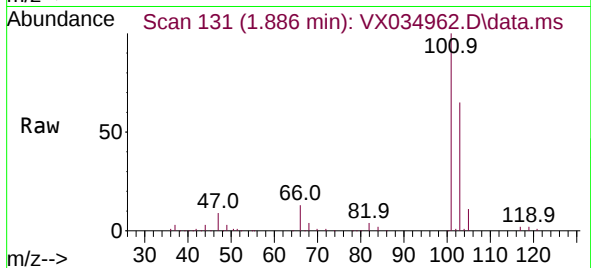
Tgt Ion: 64 Resp: 43580
Ion Ratio Lower Upper
64 100
66 29.5 26.6 40.0





#7
Trichlorofluoromethane
Concen: 19.311 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

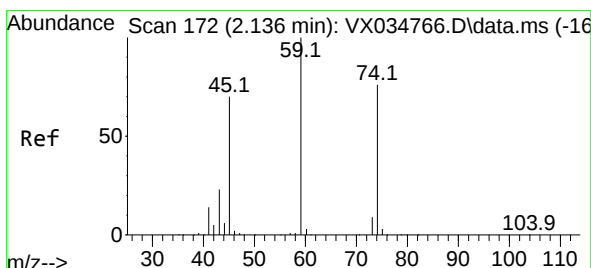
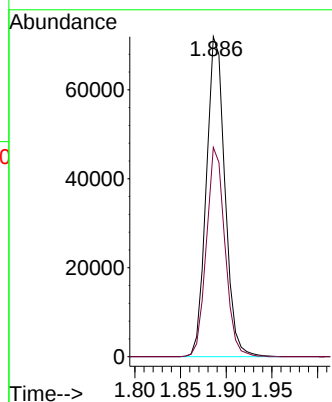
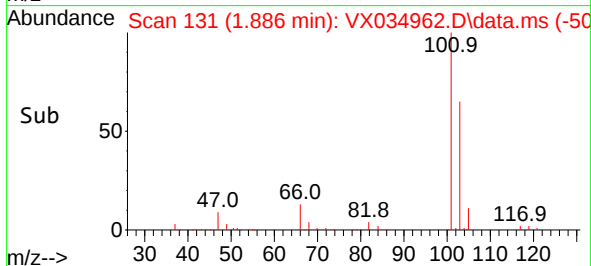
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Tgt Ion:101 Resp: 10152
Ion Ratio Lower Upper
101 100
103 65.4 52.1 78.1

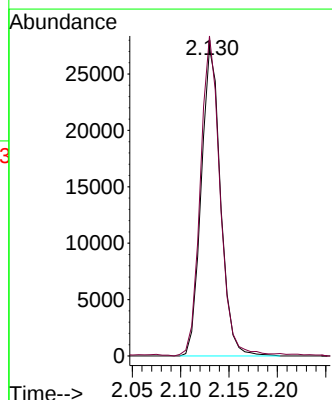
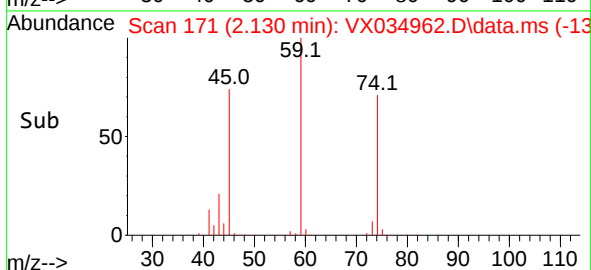
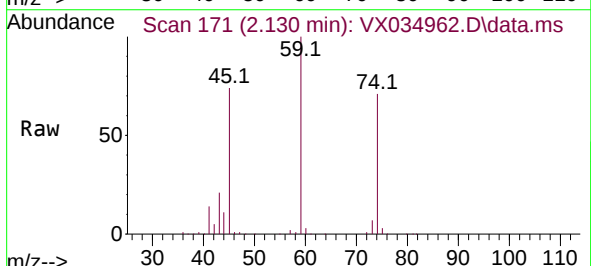
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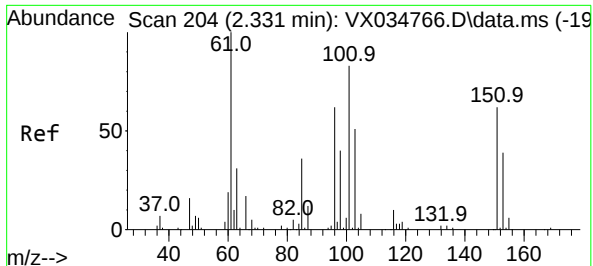
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#8
Diethyl Ether
Concen: 20.197 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 74 Resp: 38228
Ion Ratio Lower Upper
74 100
45 105.3 20.5 184.5





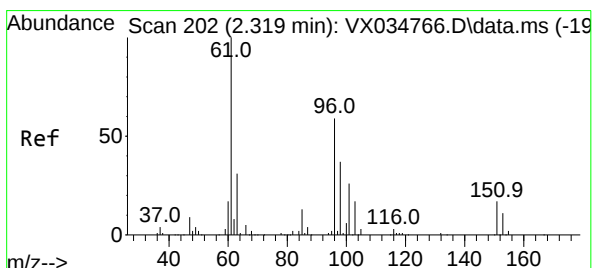
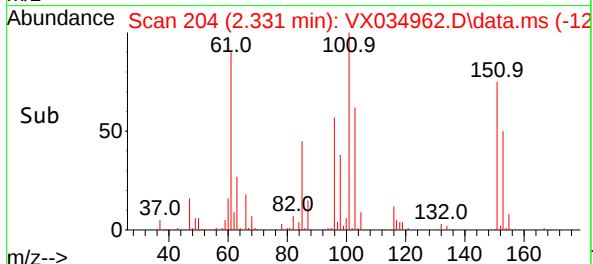
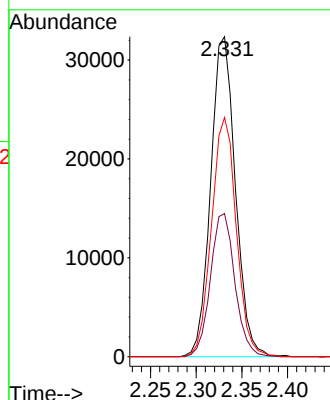
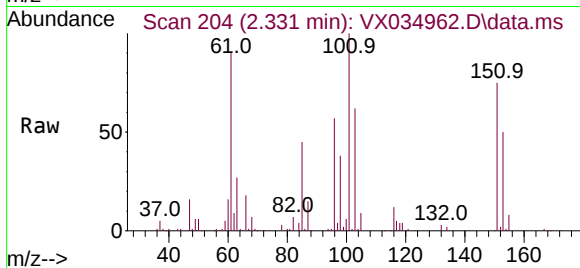
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1,1,2-Trichlorotrifluoroethane
Concen: 22.837 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion:101 Resp: 6091
Ion Ratio Lower Upper
101 100
85 44.2 0.0 88.8
151 74.8 0.0 147.6

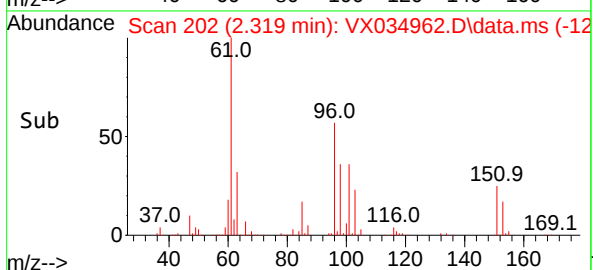
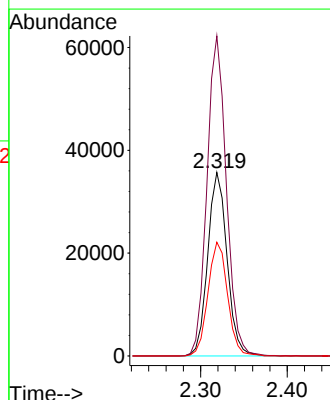
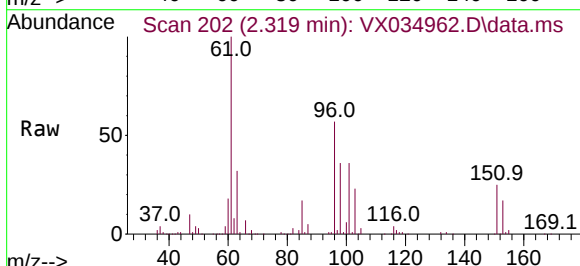
Manual Integrations
APPROVED

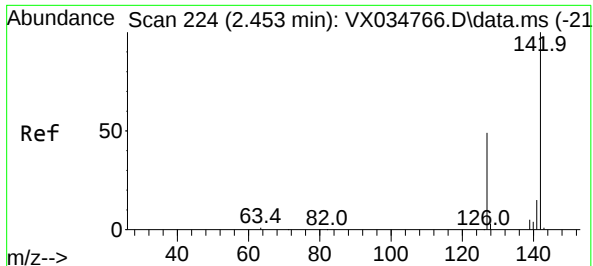
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#10
1,1-Dichloroethene
Concen: 20.525 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 96 Resp: 55418
Ion Ratio Lower Upper
96 100
61 174.4 135.8 203.6
98 62.0 49.8 74.6





#11

Methyl Iodide

Concen: 15.372 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034962.D

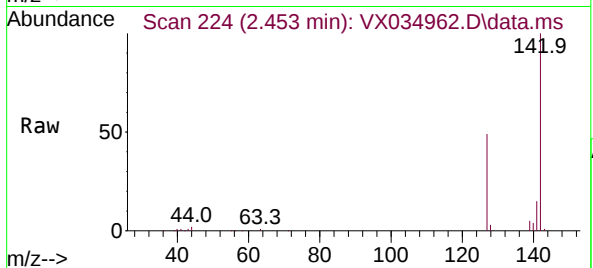
Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01



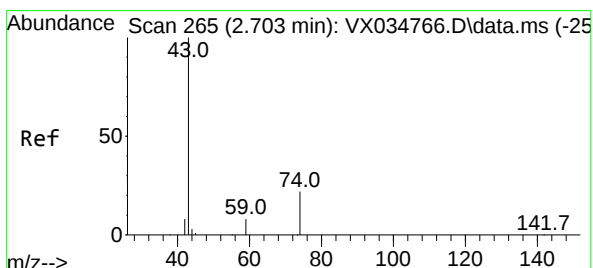
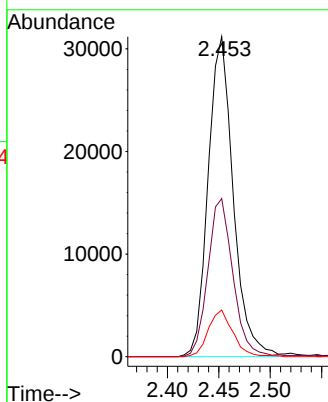
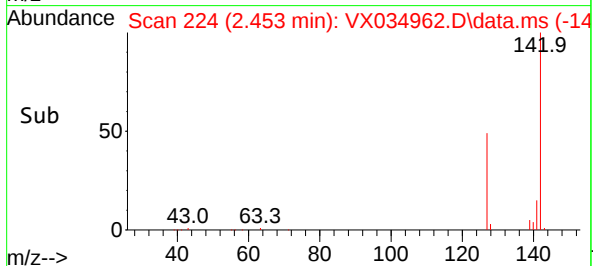
Tgt Ion:	142	Resp:	52854
Ion	Ratio	Lower	Upper
142	100		
127	49.2	24.5	73.5
141	14.6	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#12

Methyl Acetate

Concen: 21.204 ug/l

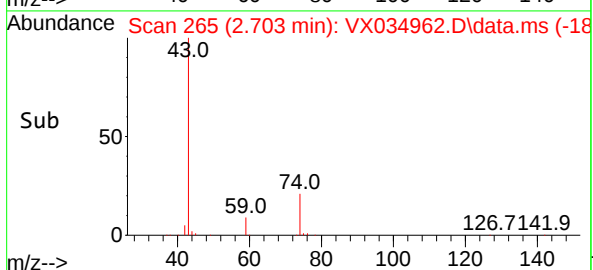
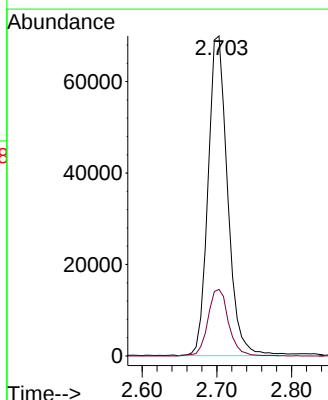
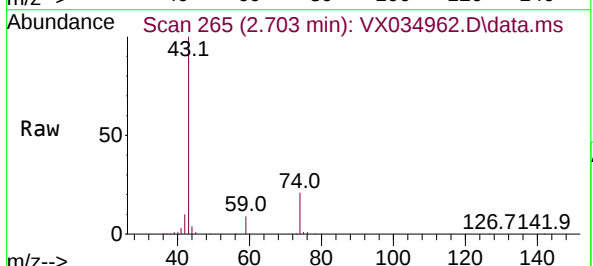
RT: 2.703 min Scan# 265

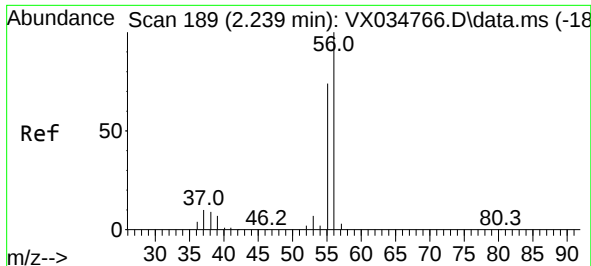
Delta R.T. -0.000 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

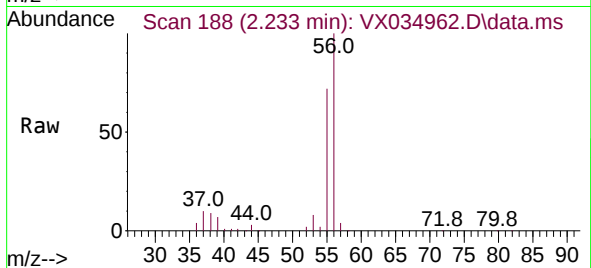
Tgt Ion:	43	Resp:	126785
Ion	Ratio	Lower	Upper
43	100		
74	20.9	18.0	27.0





#13
Acrolein
Concen: 99.704 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

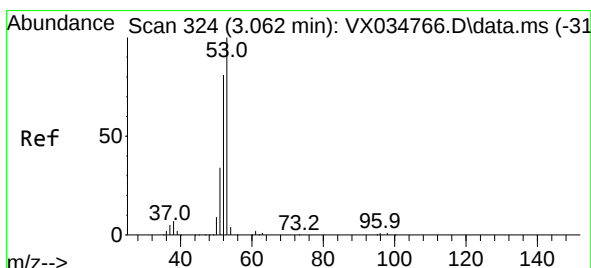
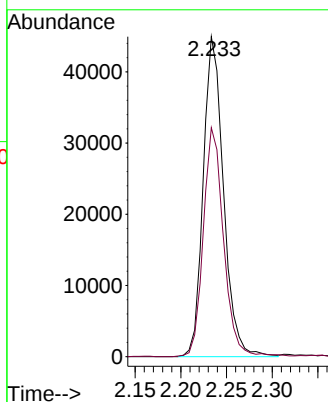
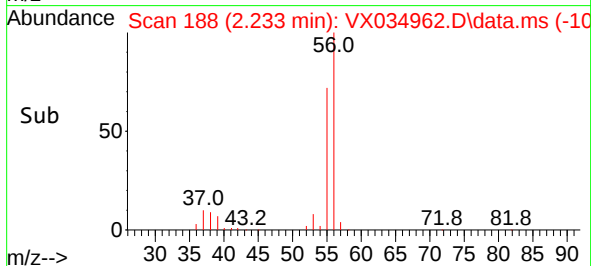
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 56 Resp: 69134
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

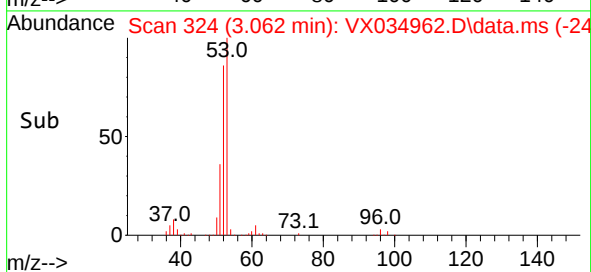
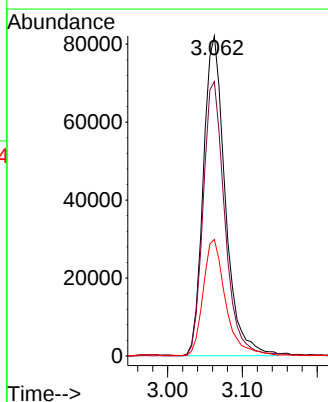
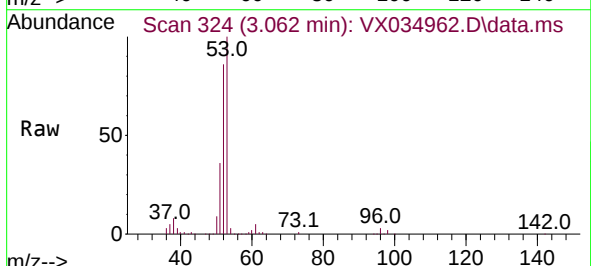
Manual Integrations
APPROVED

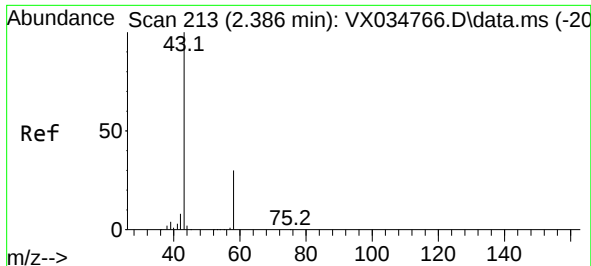
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#14
Acrylonitrile
Concen: 101.666 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 53 Resp: 167394
Ion Ratio Lower Upper
53 100
52 85.1 41.3 123.7
51 37.1 17.9 53.7





#15

Acetone

Concen: 115.760 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 58 Resp: 5174

Ion Ratio Lower Upper

58 100

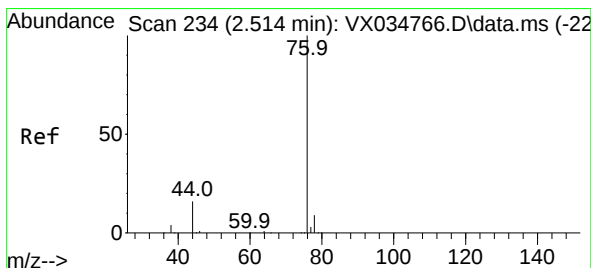
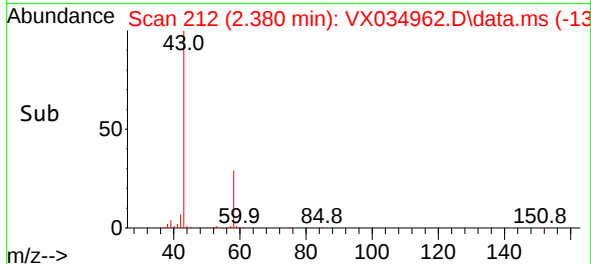
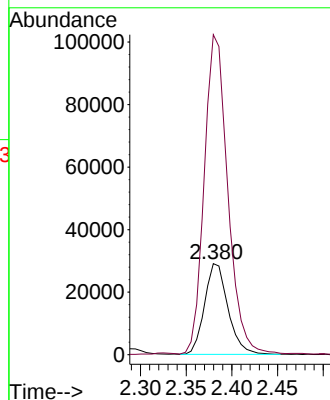
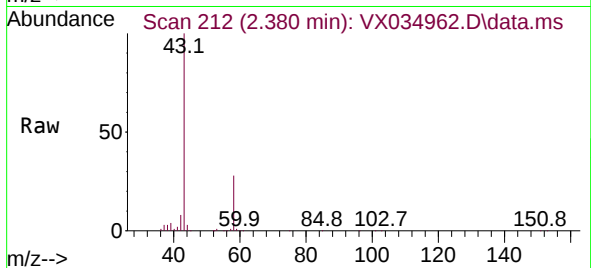
43 351.8 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#16

Carbon Disulfide

Concen: 19.174 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034962.D

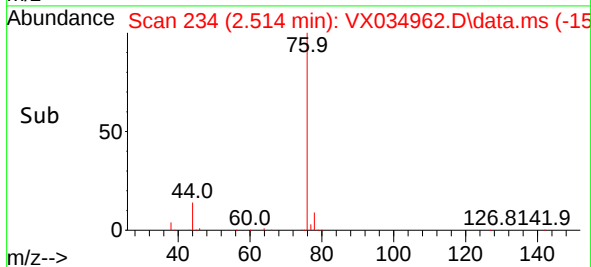
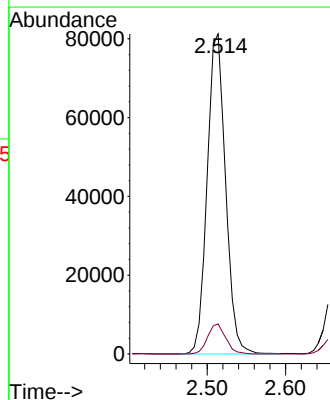
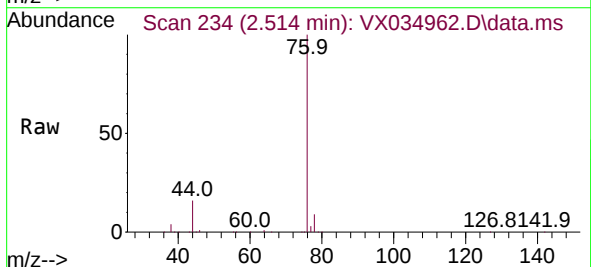
Acq: 07 Apr 2023 11:04

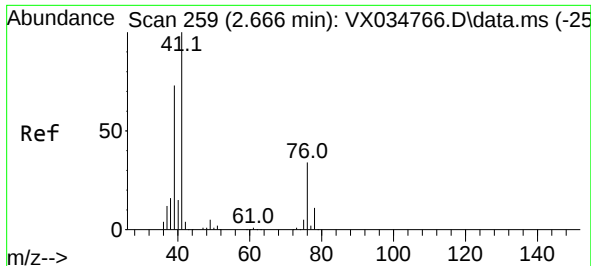
Tgt Ion: 76 Resp: 132422

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6





#17

Allyl chloride

Concen: 20.662 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

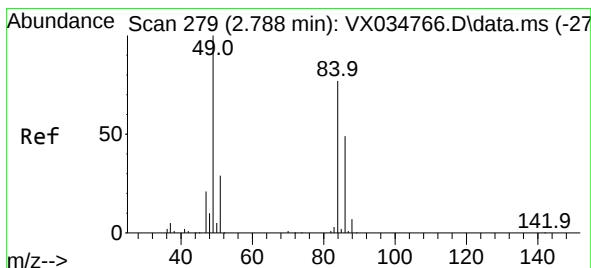
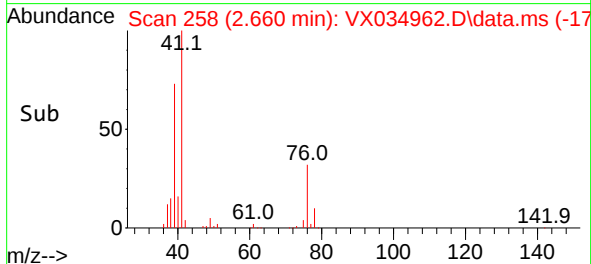
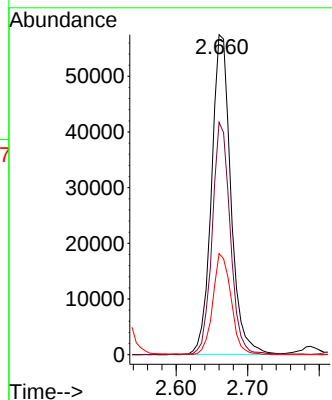
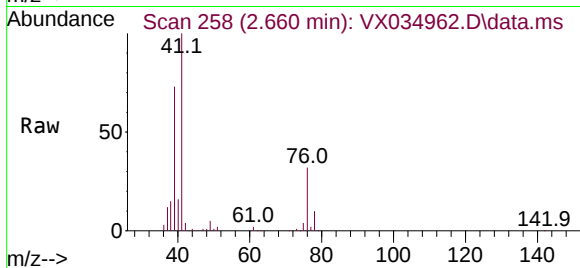
Tgt Ion:	41	Resp:	107958
Ion	Ratio	Lower	Upper
41	100		
39	72.7	36.4	109.3
76	31.6	17.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#18

Methylene Chloride

Concen: 20.160 ug/l

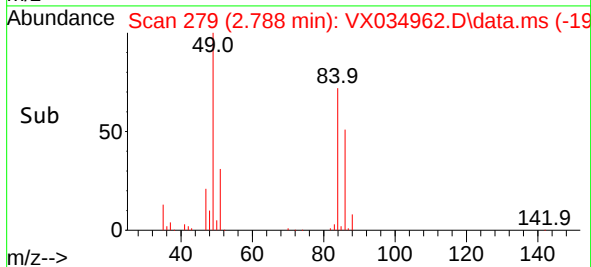
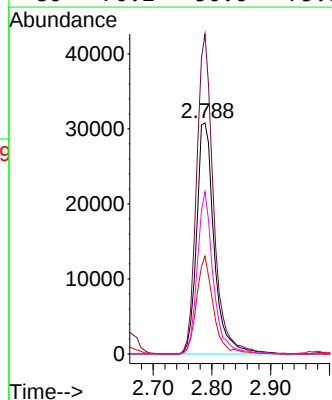
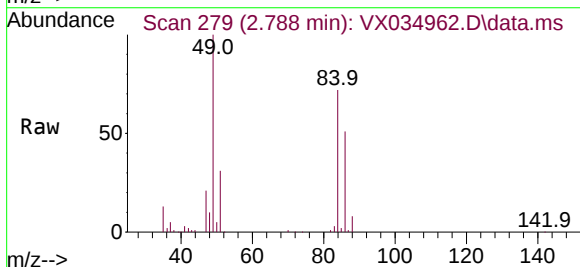
RT: 2.788 min Scan# 279

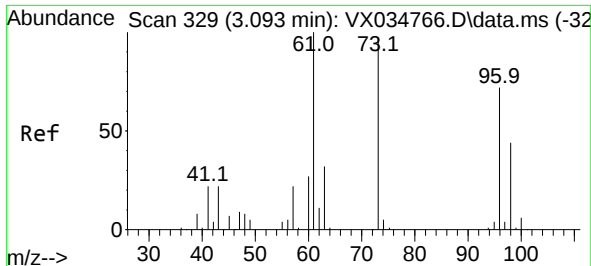
Delta R.T. 0.000 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

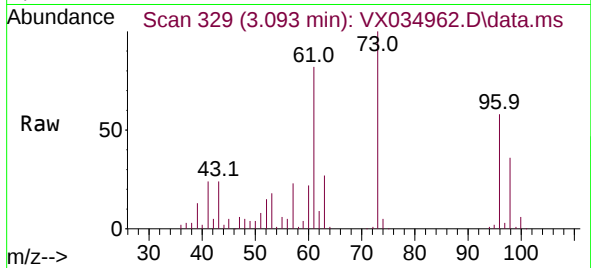
Tgt Ion:	84	Resp:	64123
Ion	Ratio	Lower	Upper
84	100		
49	138.3	103.9	155.9
51	42.3	30.6	45.8
86	70.2	50.6	75.8





#19
trans-1,2-Dichloroethene
Concen: 20.220 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

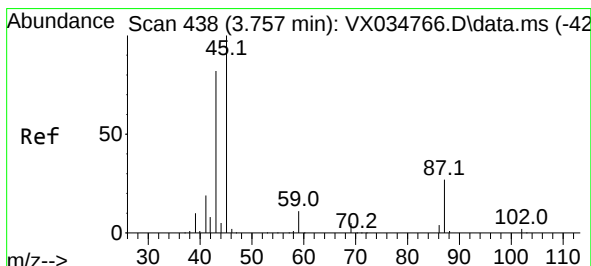
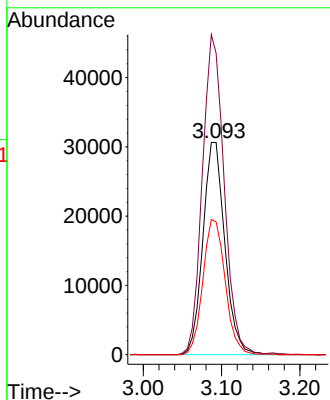
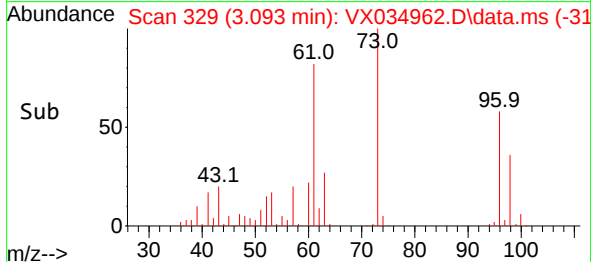
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 96 Resp: 5974
Ion Ratio Lower Upper
96 100
61 142.1 111.1 166.7
98 62.6 48.6 72.8

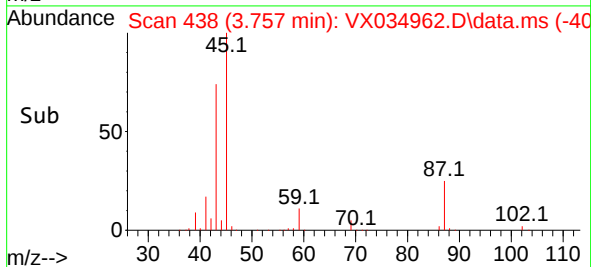
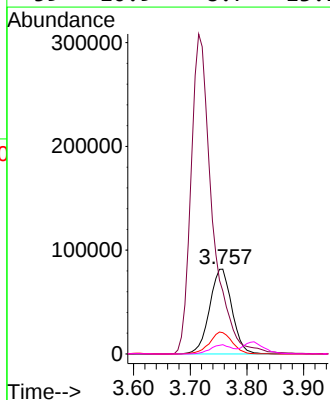
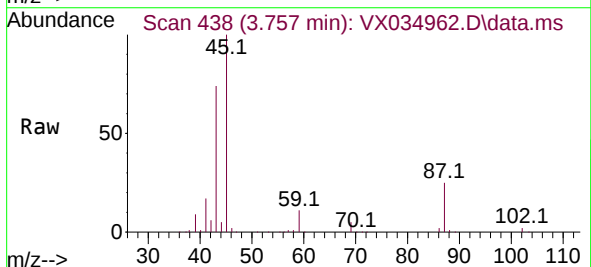
Manual Integrations
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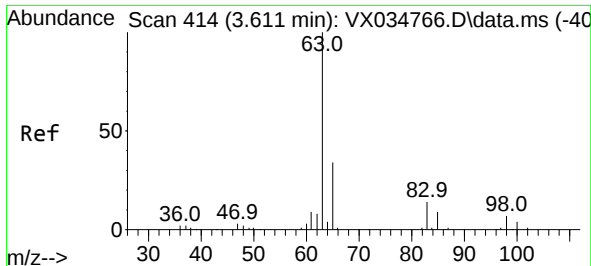
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#20
Diisopropyl ether
Concen: 20.864 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 45 Resp: 223329
Ion Ratio Lower Upper
45 100
43 72.6 66.0 99.0
87 25.2 21.8 32.6
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.789 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 63 Resp: 11898

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

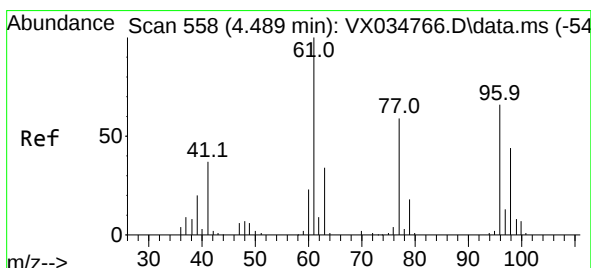
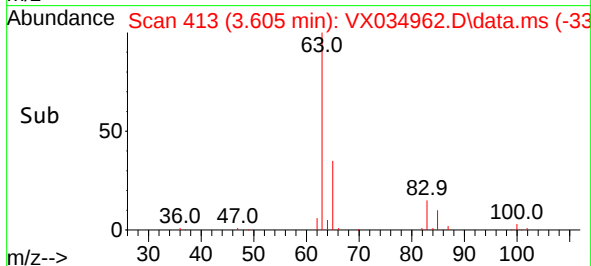
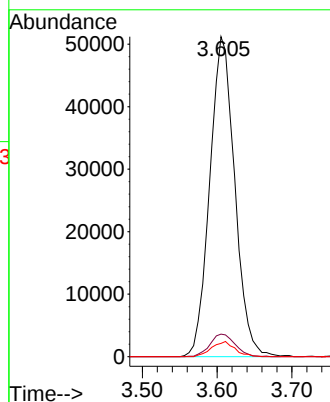
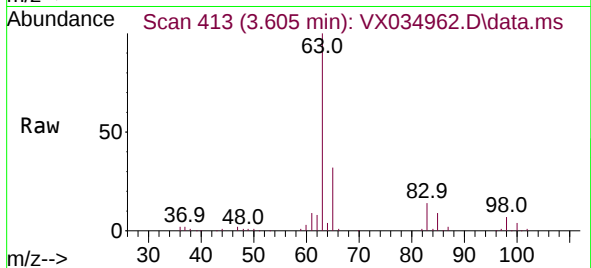
100 4.2 2.2 6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#22

cis-1,2-Dichloroethene

Concen: 20.671 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

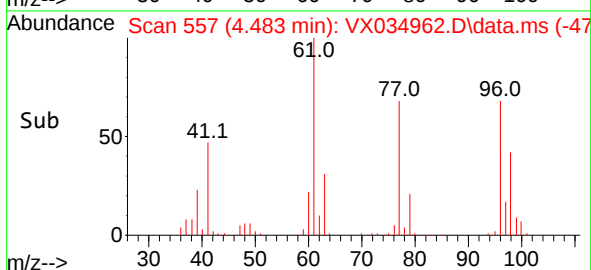
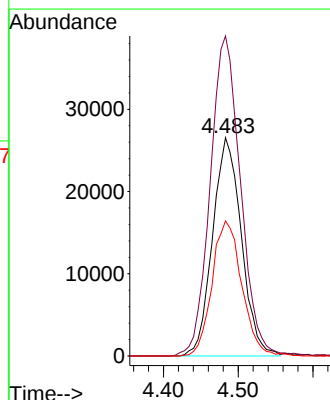
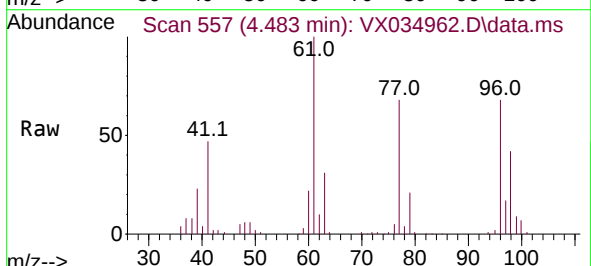
Tgt Ion: 96 Resp: 71130

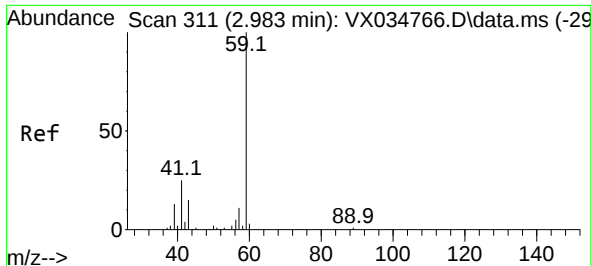
Ion Ratio Lower Upper

96 100

61 154.0 121.7 182.5

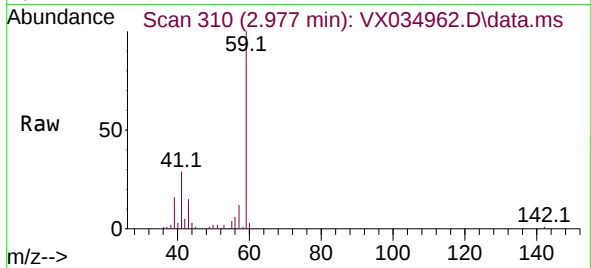
98 63.5 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 98.189 ug/l m
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

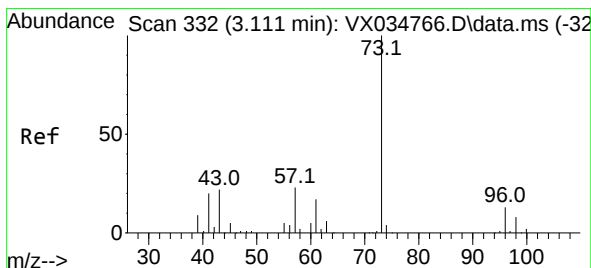
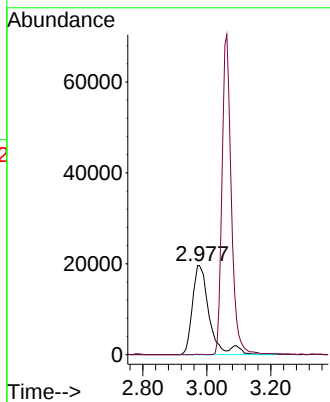
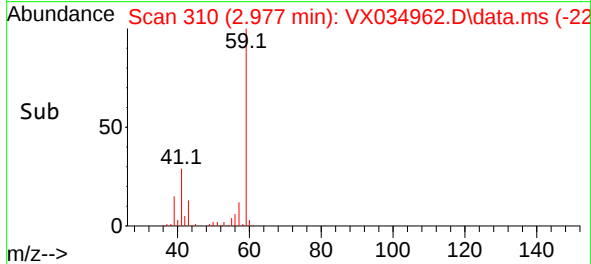
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 59 Resp: 72740
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

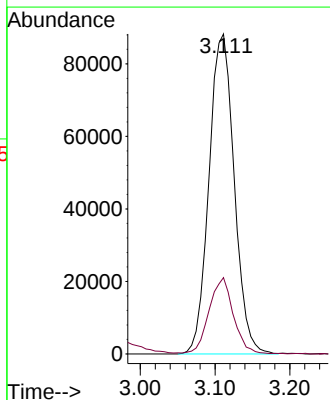
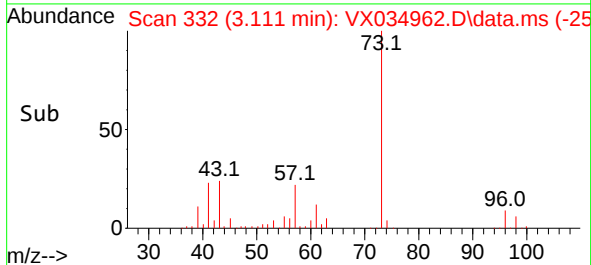
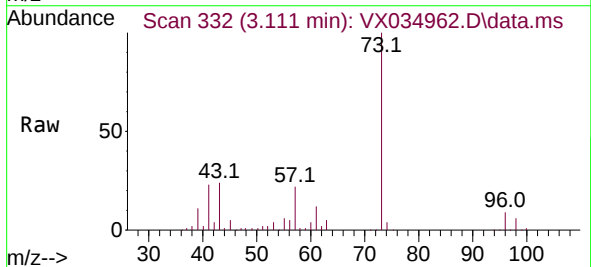
Manual Integrations
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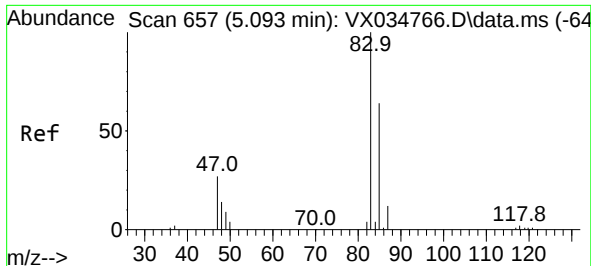
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 20.642 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 73 Resp: 207114
Ion Ratio Lower Upper
73 100
43 22.7 17.9 26.9





#25

Chloroform

Concen: 21.143 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 83 Resp: 123084

Ion Ratio Lower Upper

83 100

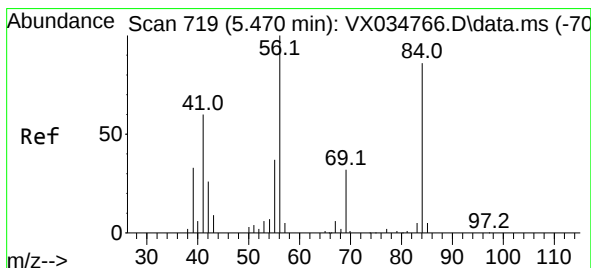
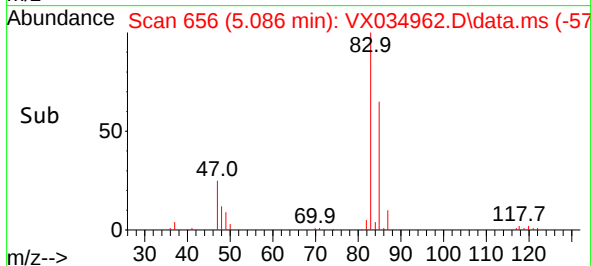
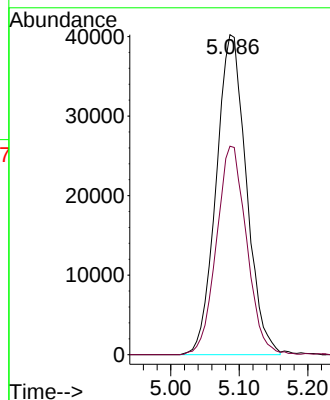
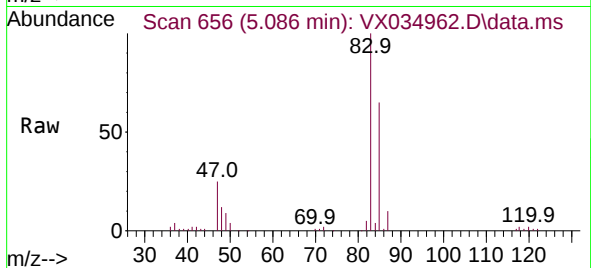
85 65.1 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#26

Cyclohexane

Concen: 20.569 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

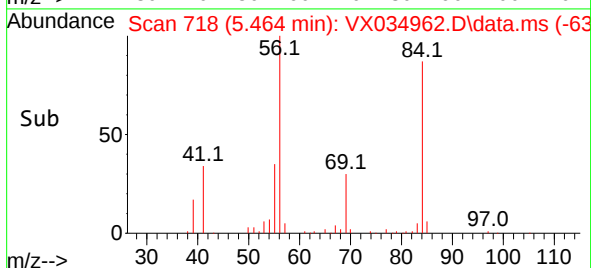
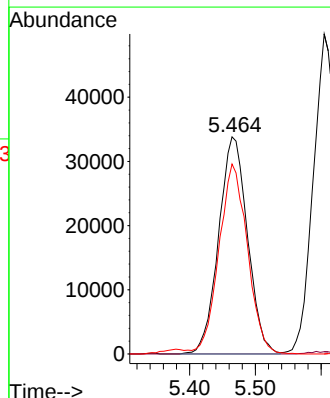
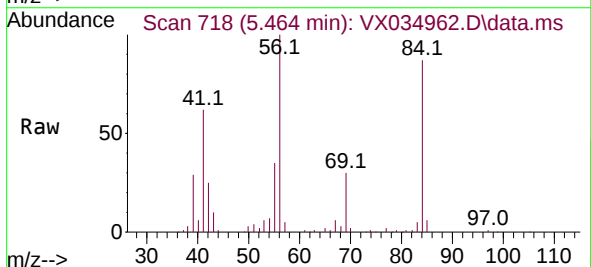
Tgt Ion: 56 Resp: 103167

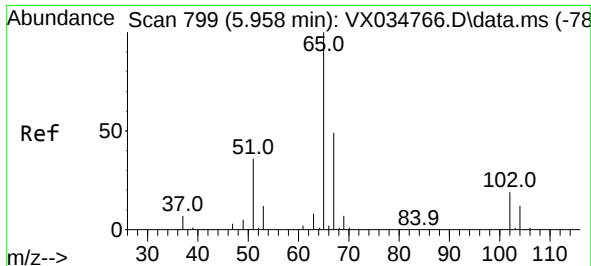
Ion Ratio Lower Upper

56 100

89 0.4 0.0 0.0#

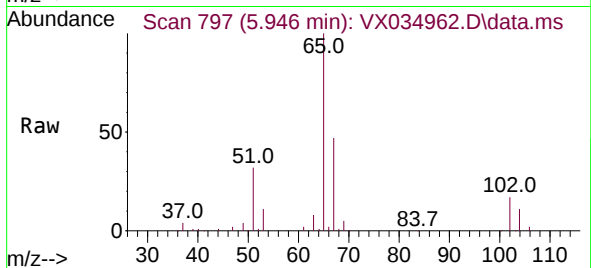
84 86.0 67.4 101.2





#27
1,2-Dichloroethane-d4
Concen: 33.047 ug/l
RT: 5.946 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

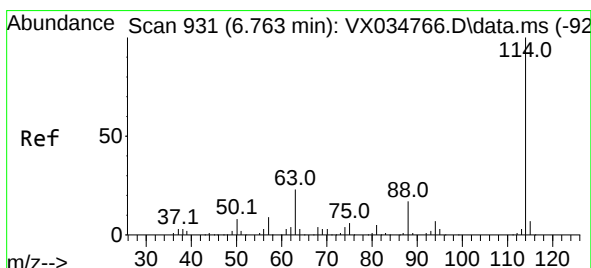
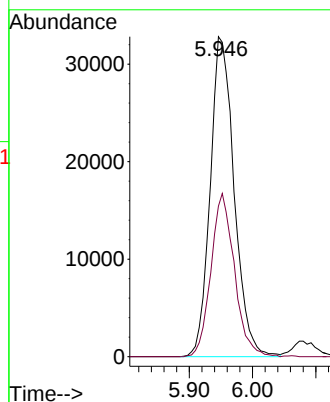
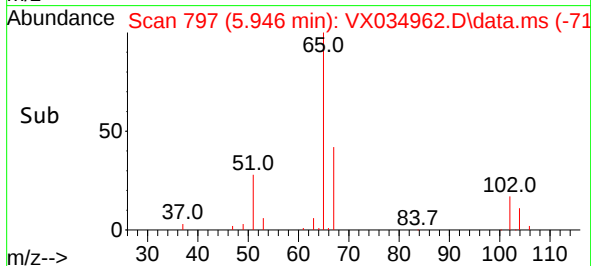
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



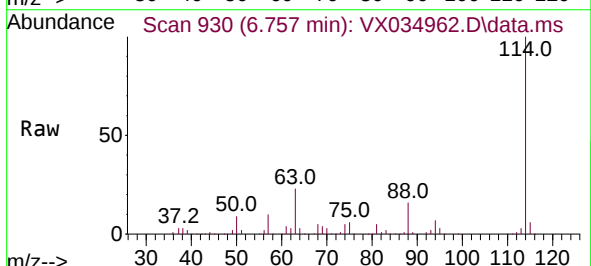
Tgt Ion: 65 Resp: 86379
Ion Ratio Lower Upper
65 100
67 49.8 40.9 61.3

Manual Integrations
APPROVED

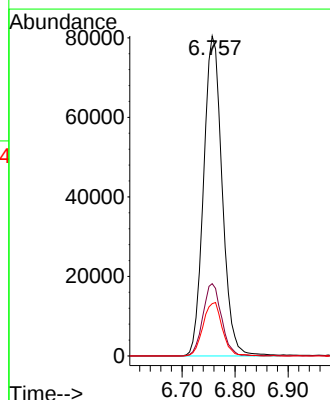
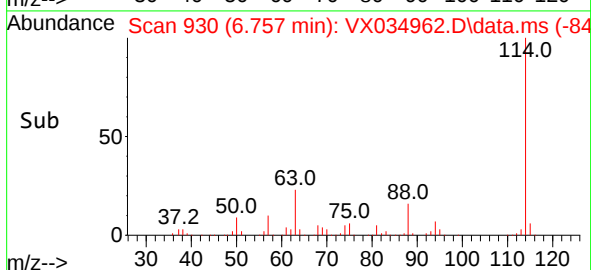
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

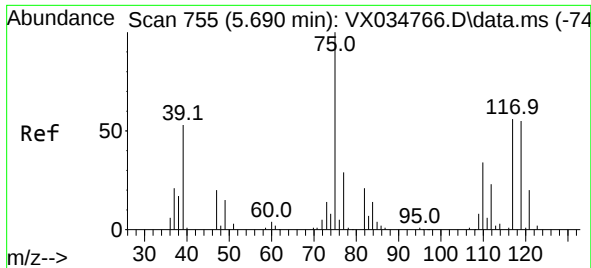


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04



Tgt Ion:114 Resp: 196087
Ion Ratio Lower Upper
114 100
63 22.6 18.0 27.0
88 17.1 13.3 19.9





#29

1,1-Dichloropropene

Concen: 20.160 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 75 Resp: 9092

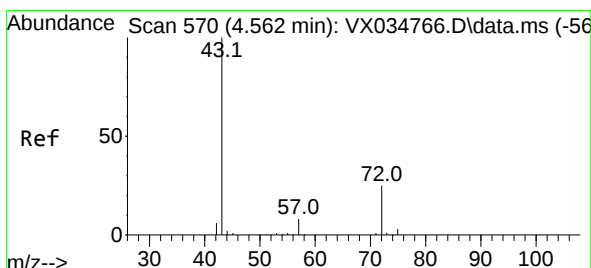
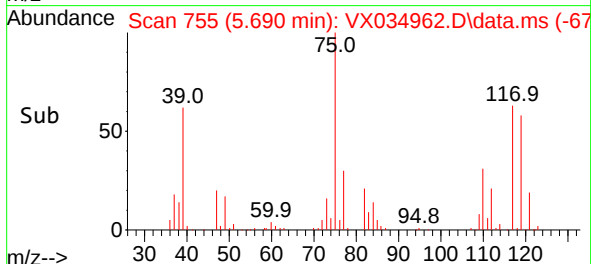
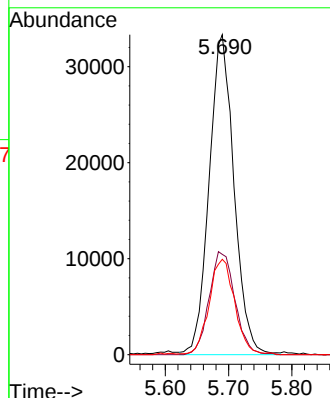
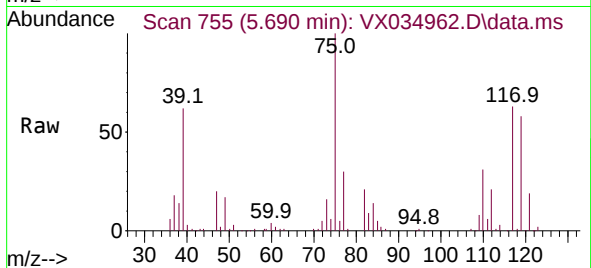
Ion	Ratio	Lower	Upper
75	100		
110	33.1	0.0	71.4
77	30.7	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#30

2-Butanone

Concen: 101.758 ug/l

RT: 4.550 min Scan# 568

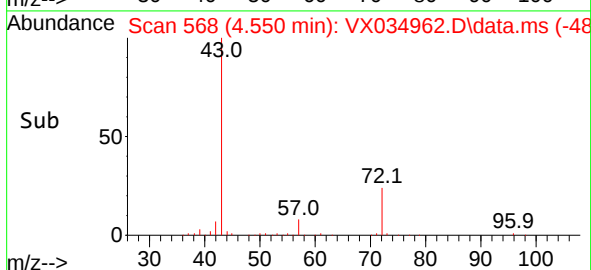
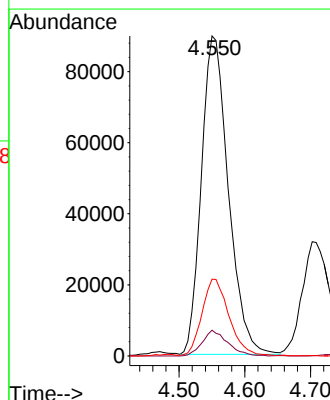
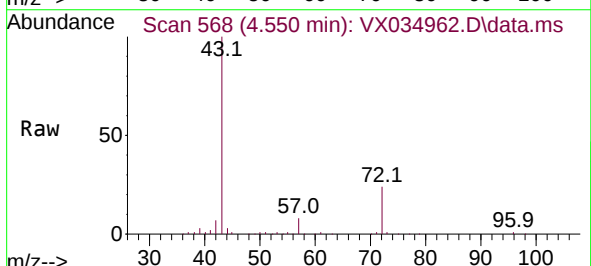
Delta R.T. -0.012 min

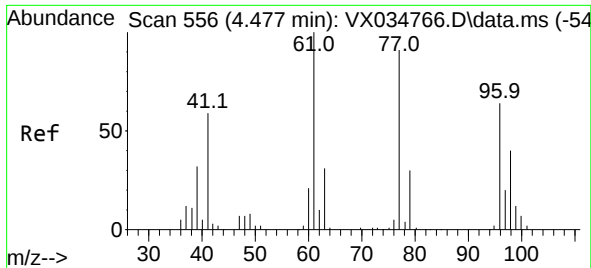
Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Tgt Ion: 43 Resp: 255936

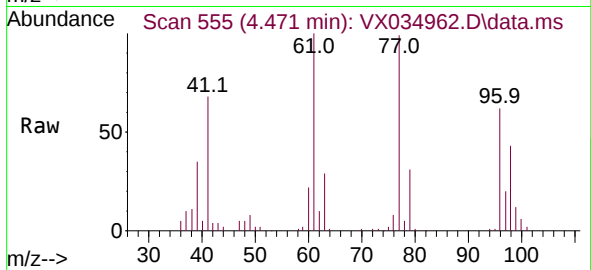
Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.3	9.5
72	24.2	19.6	29.4





#31
2,2-Dichloropropane
Concen: 20.634 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

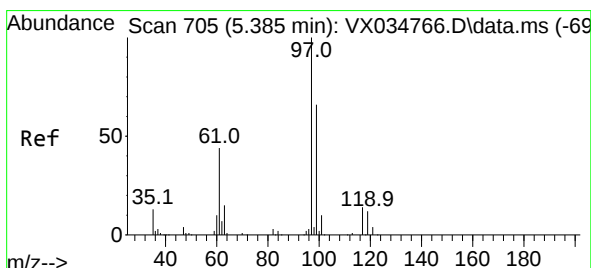
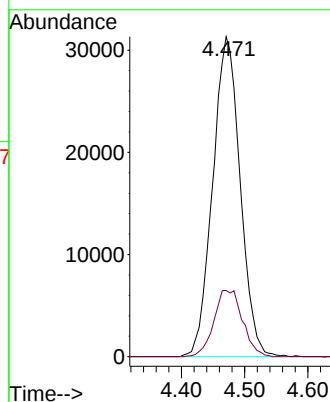
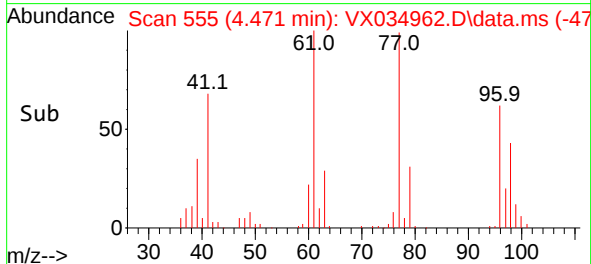
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 77 Resp: 94372
Ion Ratio Lower Upper
77 100
97 13.1 18.2 27.4

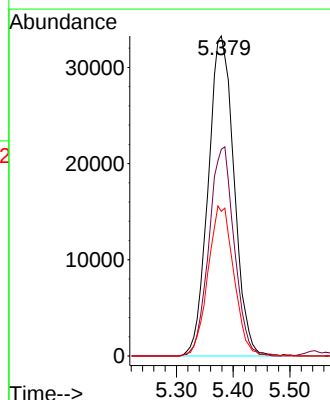
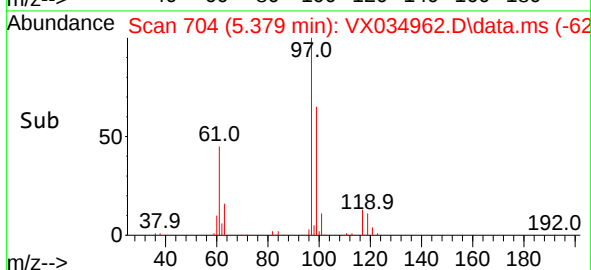
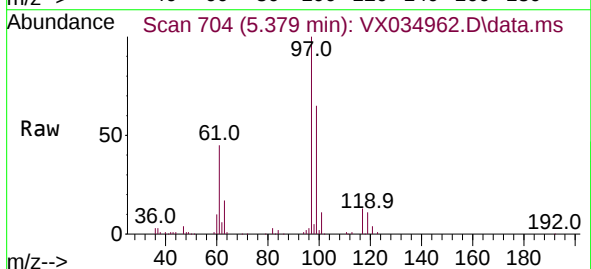
Manual Integrations
APPROVED

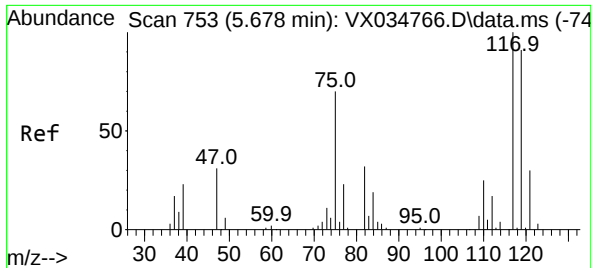
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#32
1,1,1-Trichloroethane
Concen: 19.885 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

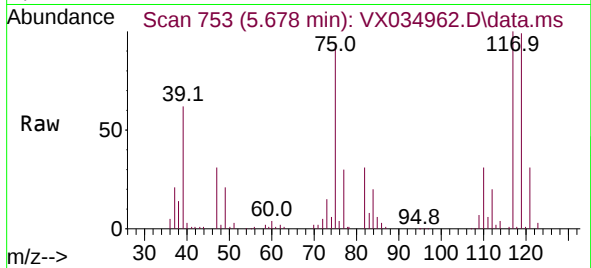
Tgt Ion: 97 Resp: 105209
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 46.8 36.6 55.0





#33
Carbon Tetrachloride
Concen: 20.305 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

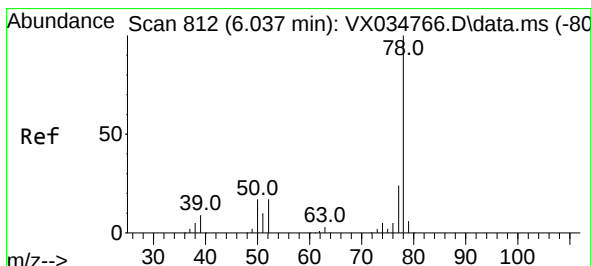
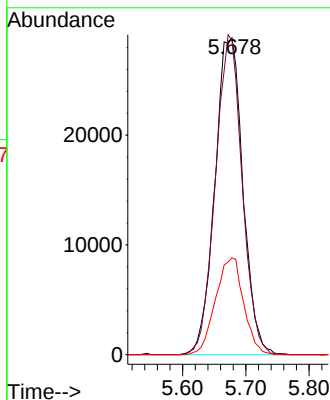
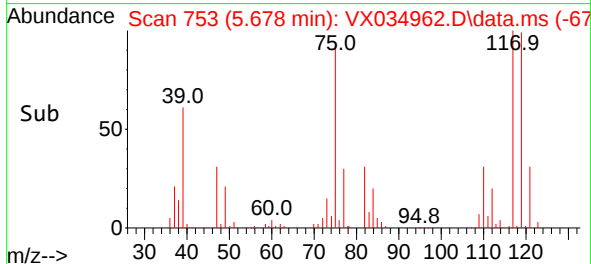
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:117 Resp: 8866
Ion Ratio Lower Upper
117 100
119 99.2 73.3 109.9
121 30.5 24.0 36.0

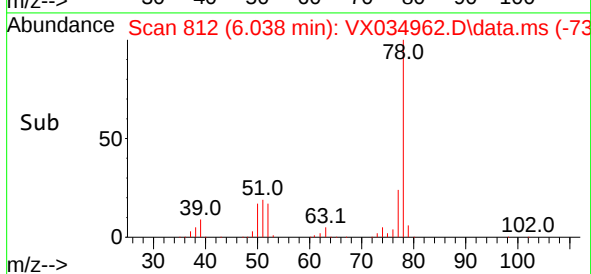
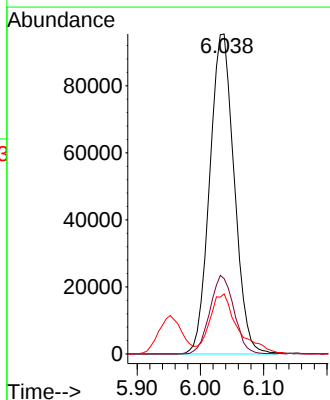
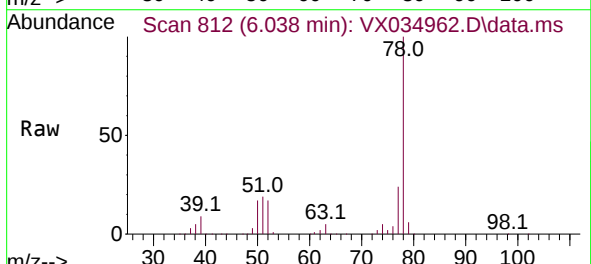
Manual Integrations
APPROVED

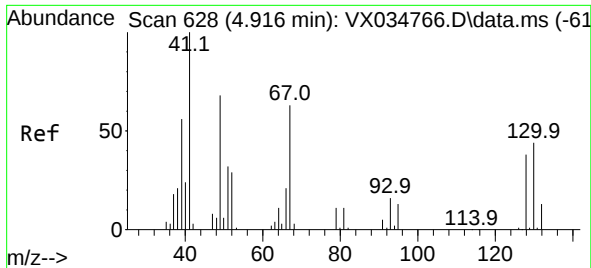
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#34
Benzene
Concen: 19.555 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

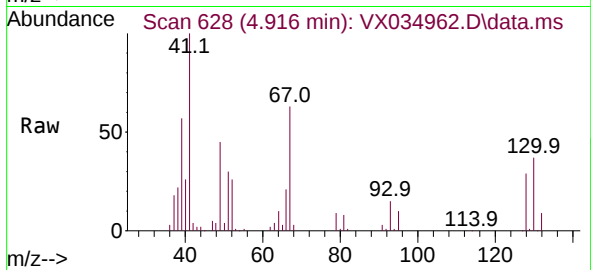
Tgt Ion: 78 Resp: 256293
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4
51 18.3 14.6 21.8





#35
Methacrylonitrile
Concen: 19.567 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

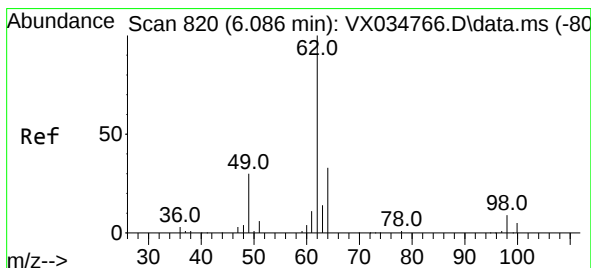
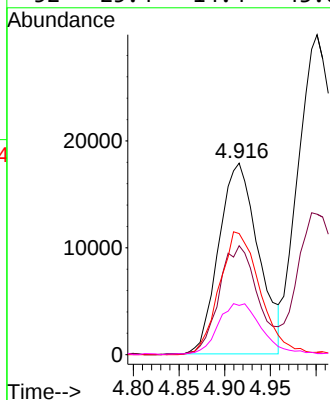
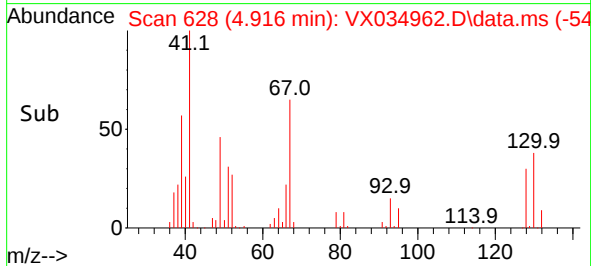
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:	41	Resp:	5386
Ion Ratio	100	Lower	Upper
41	100		
39	56.8	28.0	84.0
67	63.5	31.6	94.7
52	25.4	14.4	43.0

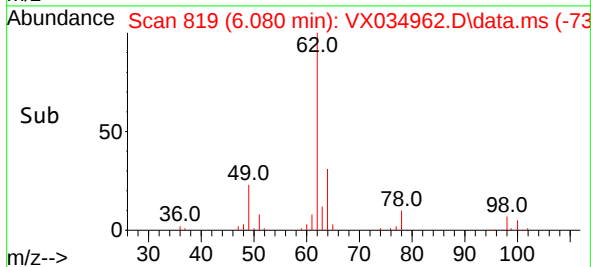
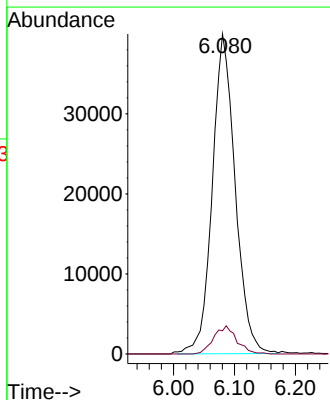
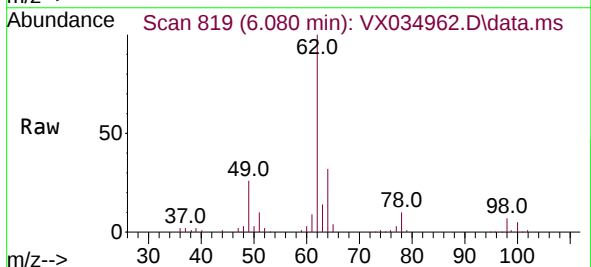
Manual Integrations
APPROVED

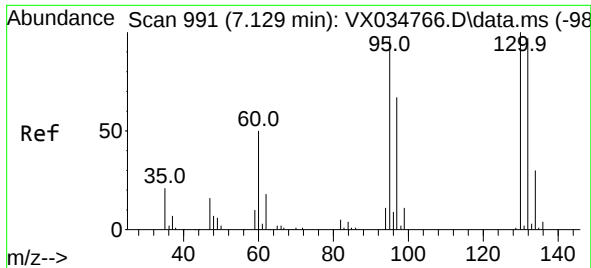
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#36
1,2-Dichloroethane
Concen: 20.313 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion:	62	Resp:	104381
Ion Ratio	100	Lower	Upper
62	100		
98	8.8	7.0	10.6





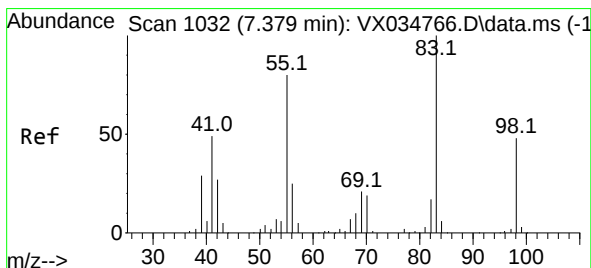
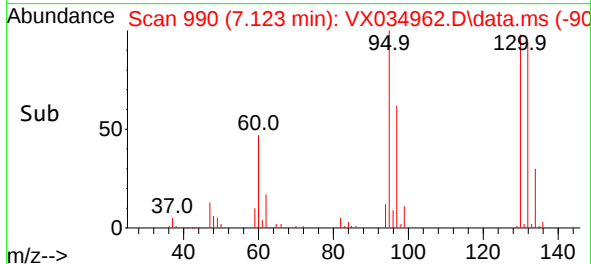
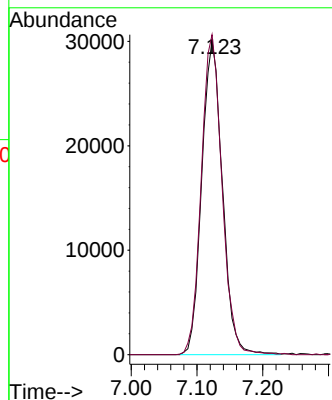
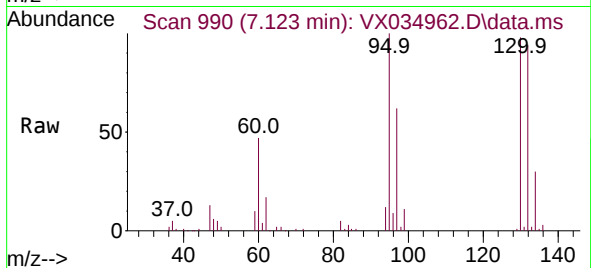
#37
Trichloroethene
Concen: 19.615 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion:130 Resp: 6542
Ion Ratio Lower Upper
130 100
95 101.7 77.8 116.6

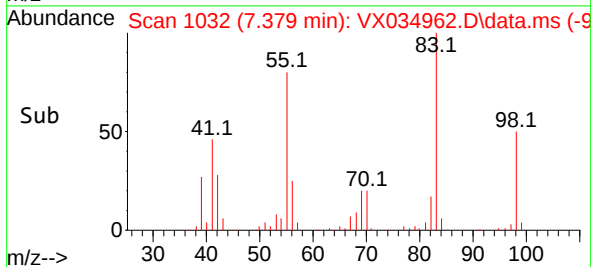
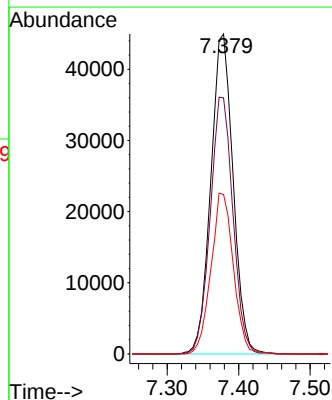
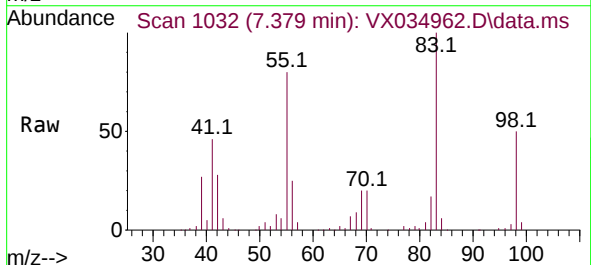
Manual Integrations
APPROVED

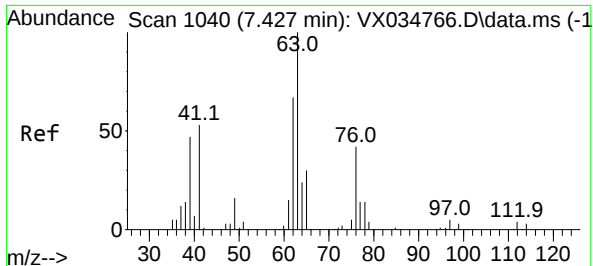
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#38
Methylcyclohexane
Concen: 19.788 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 83 Resp: 97500
Ion Ratio Lower Upper
83 100
55 81.4 38.8 116.4
98 50.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.145 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 63 Resp: 6522

Ion Ratio Lower Upper

63 100

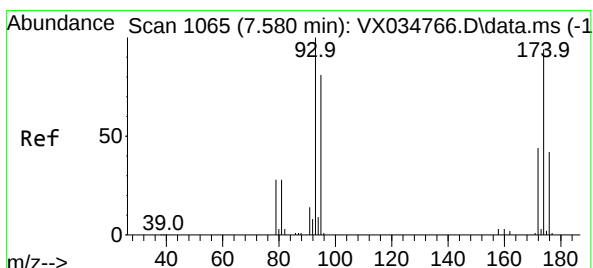
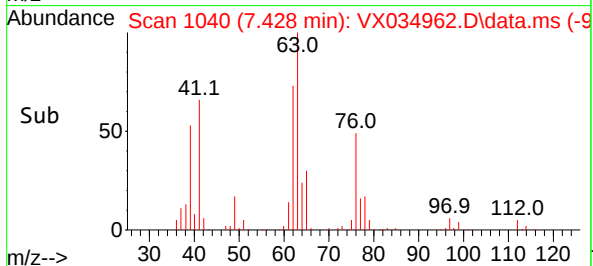
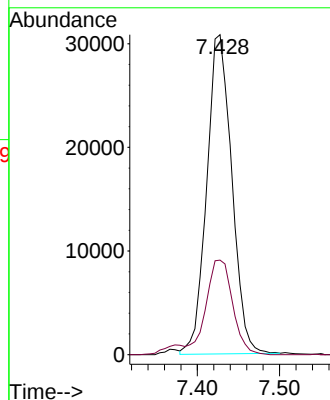
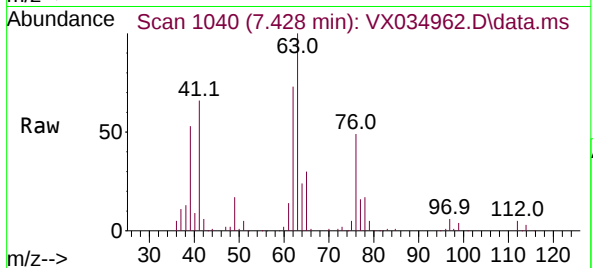
65 29.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#40

Dibromomethane

Concen: 19.608 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

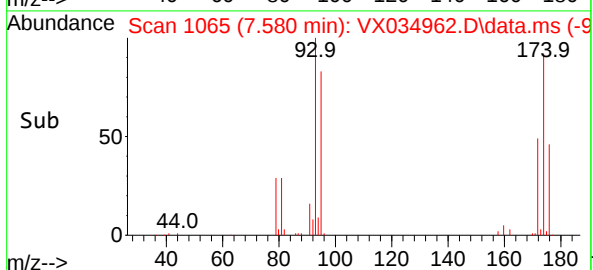
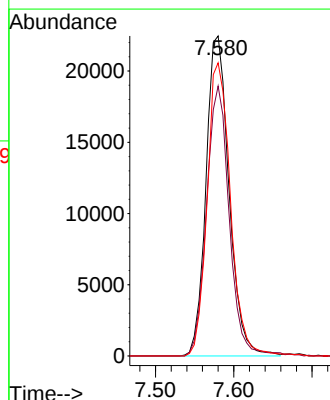
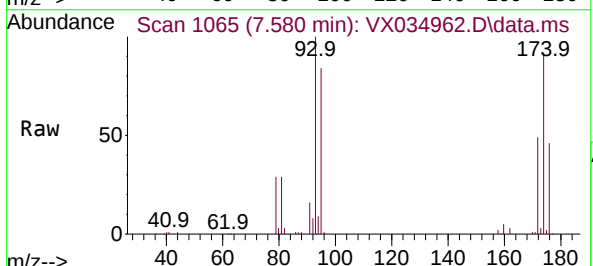
Tgt Ion: 93 Resp: 45888

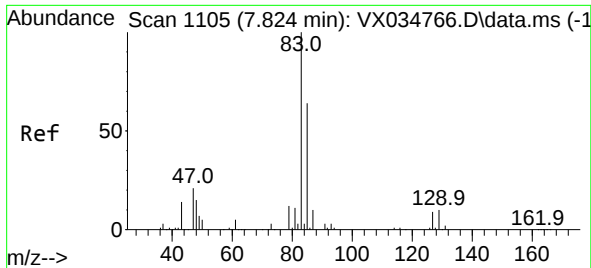
Ion Ratio Lower Upper

93 100

95 82.5 0.0 165.8

174 92.5 0.0 188.8





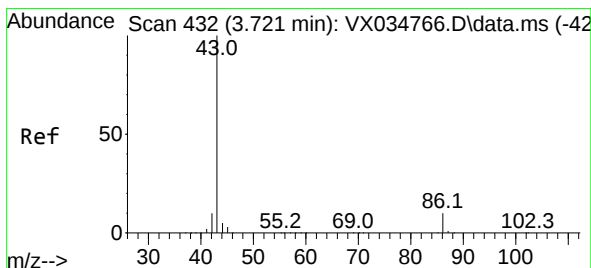
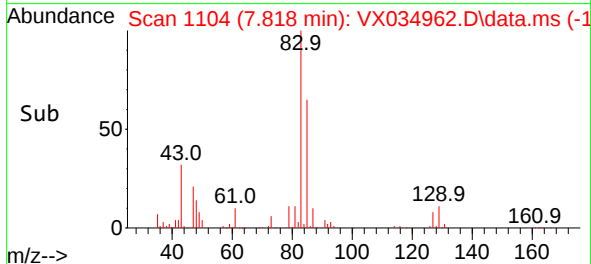
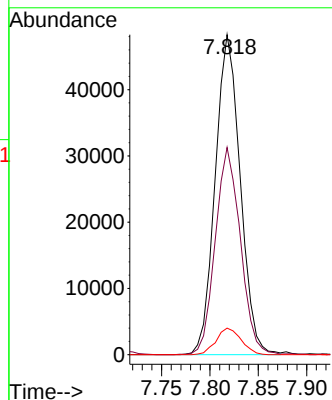
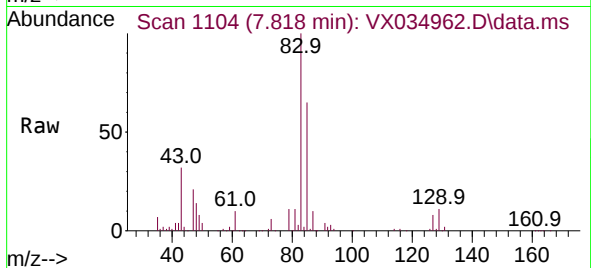
#41
Bromodichloromethane
Concen: 19.715 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 83 Resp: 8690
Ion Ratio Lower Upper
83 100
85 64.6 51.1 76.7
127 8.3 8.2 12.4

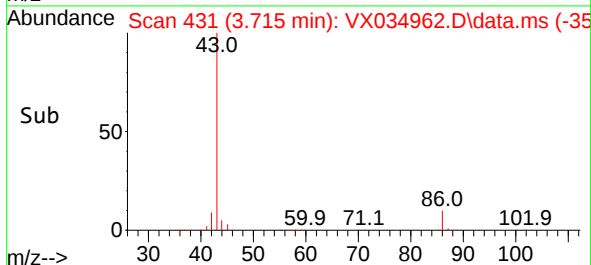
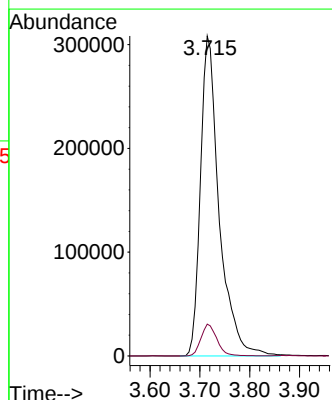
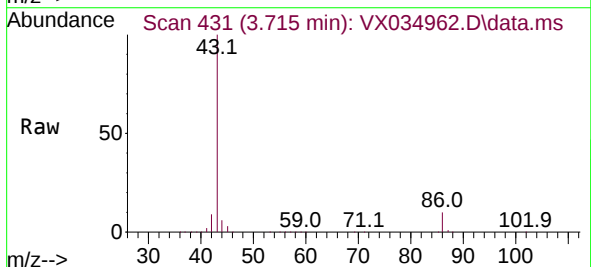
Manual Integrations
APPROVED

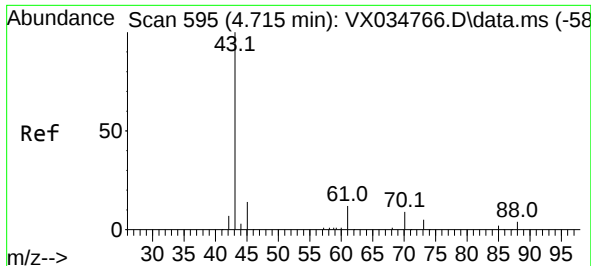
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#42
Vinyl Acetate
Concen: 98.033 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

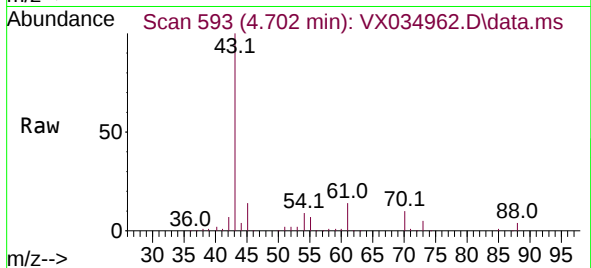
Tgt Ion: 43 Resp: 804395
Ion Ratio Lower Upper
43 100
86 8.5 6.9 10.3





#43
Ethyl Acetate
Concen: 19.898 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.013 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

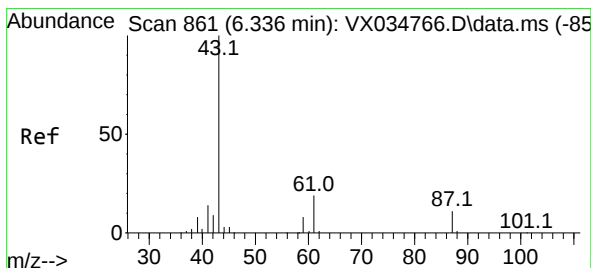
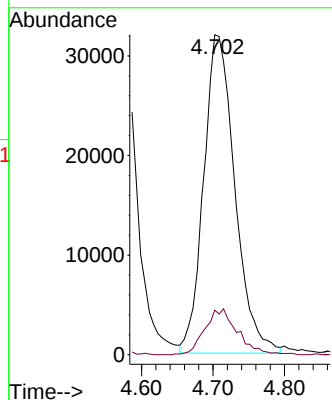
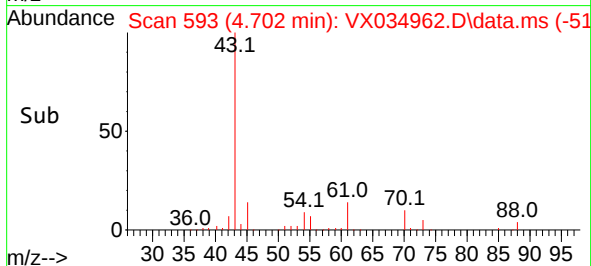
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 43 Resp: 97060
Ion Ratio Lower Upper
43 100
45 15.0 12.0 18.0

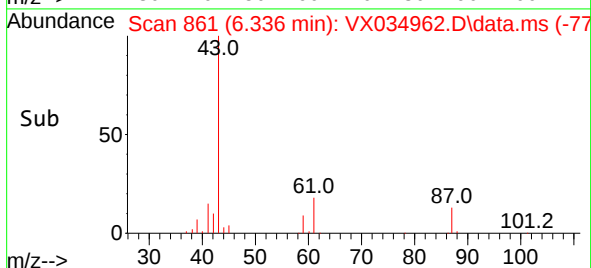
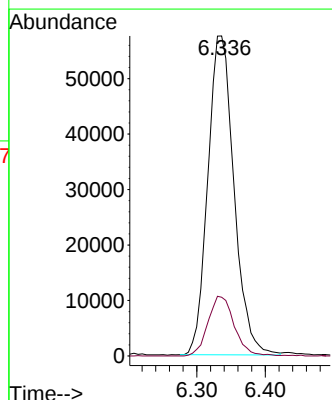
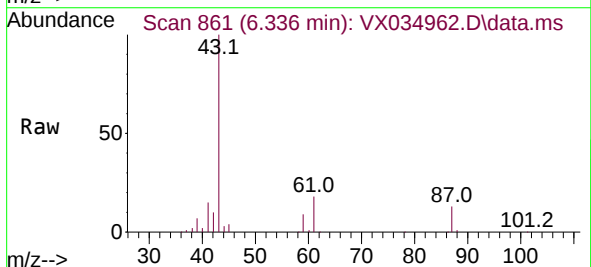
Manual Integrations
APPROVED

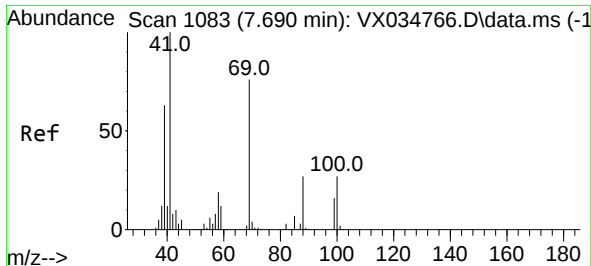
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#44
Isopropyl Acetate
Concen: 18.470 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

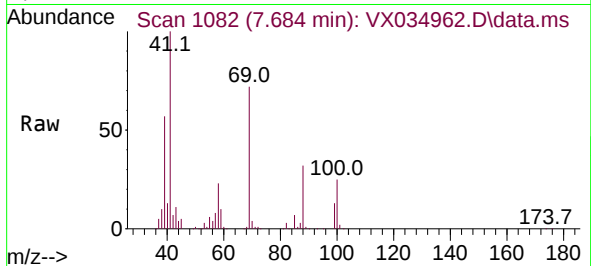
Tgt Ion: 43 Resp: 152519
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0





#45
1,4-Dioxane
Concen: 400.658 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

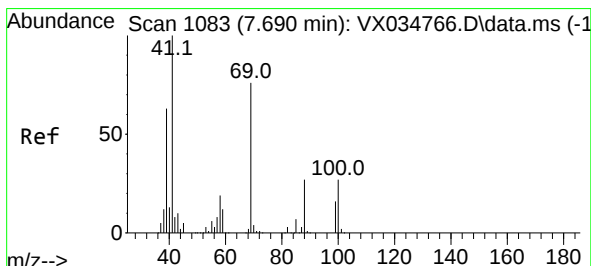
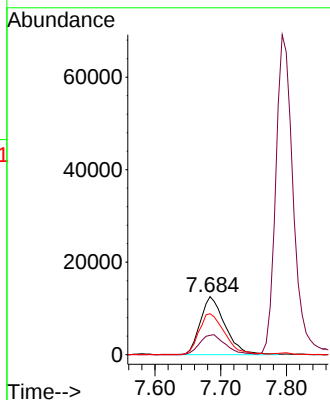
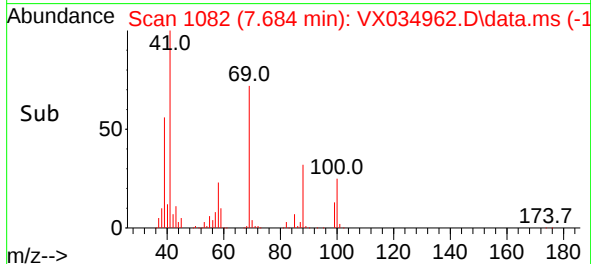
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 88 Resp: 32778
Ion Ratio Lower Upper
88 100
43 34.9 26.5 39.7
58 72.9 55.6 83.4

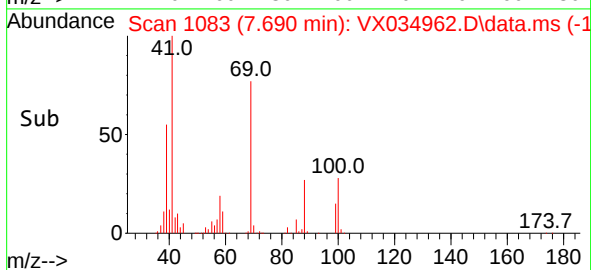
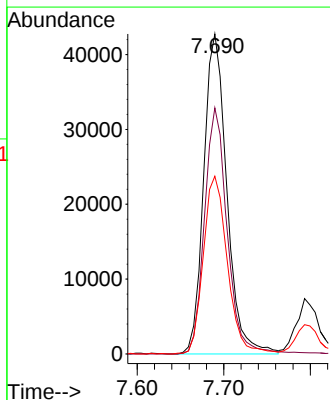
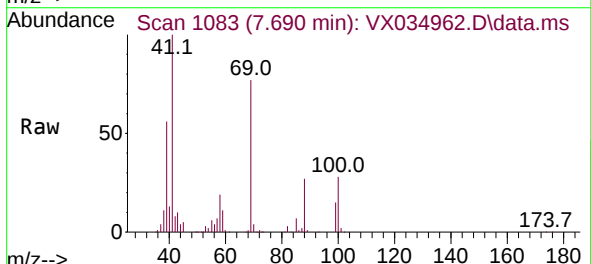
Manual Integrations
APPROVED

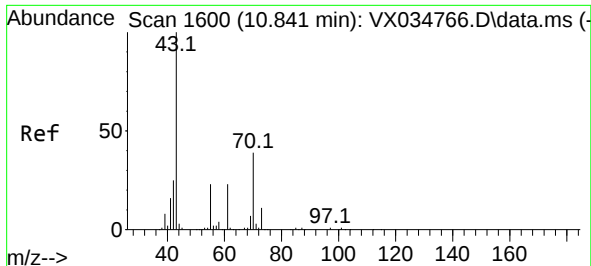
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#46
Methyl methacrylate
Concen: 19.738 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 41 Resp: 79415
Ion Ratio Lower Upper
41 100
69 76.9 38.1 114.5
39 55.3 31.4 94.3





#47

n-amy1 Acetate

Concen: 18.117 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 43 Resp: 130060

Ion Ratio Lower Upper

43 100

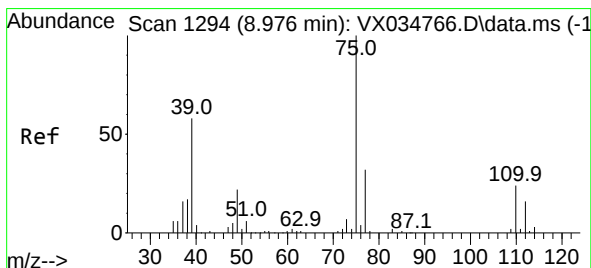
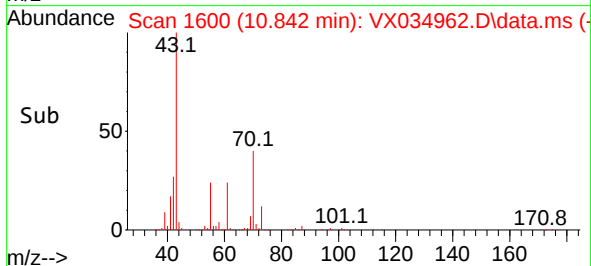
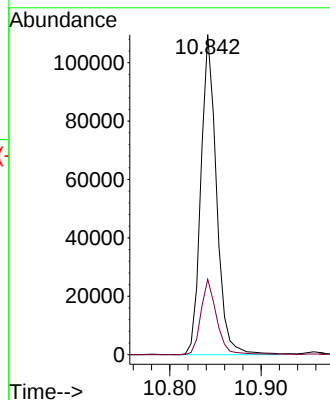
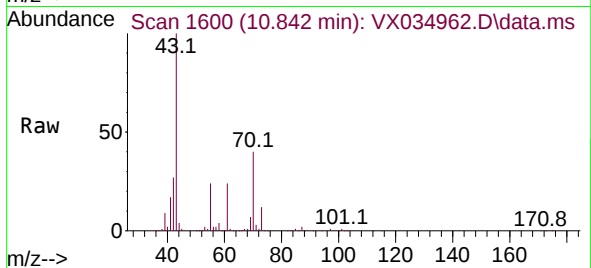
55 23.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#48

t-1,3-Dichloropropene

Concen: 18.476 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX034962.D

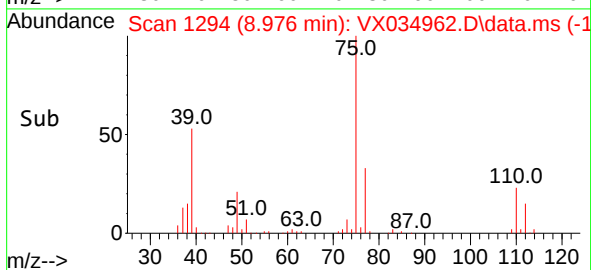
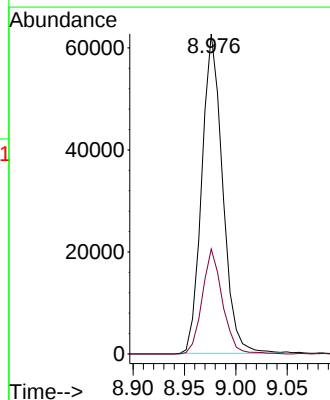
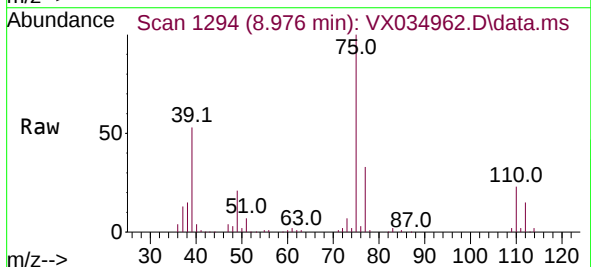
Acq: 07 Apr 2023 11:04

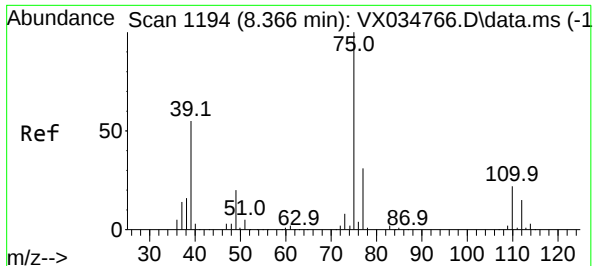
Tgt Ion: 75 Resp: 88738

Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.020 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 75 Resp: 100360

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

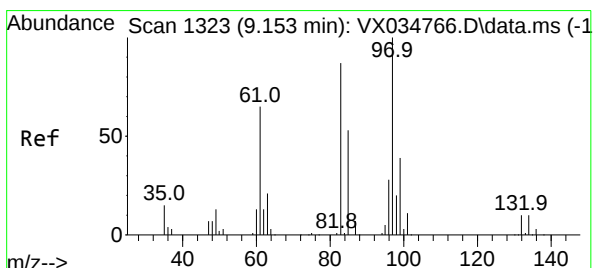
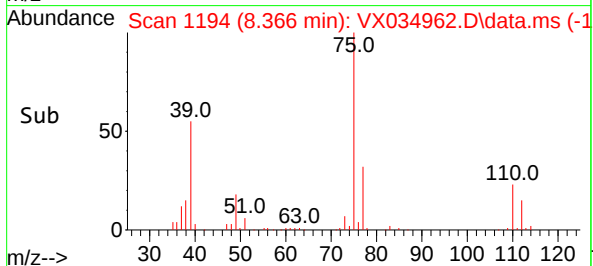
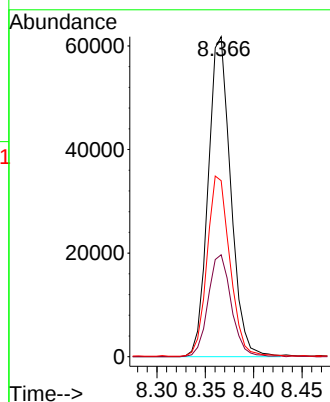
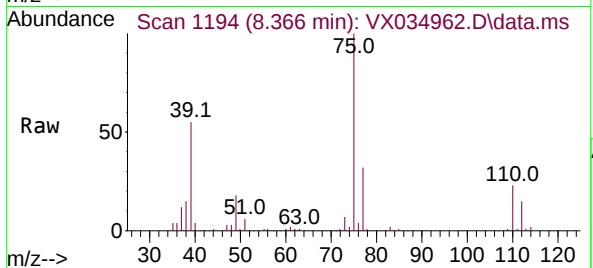
39 54.9 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#50

1,1,2-Trichloroethane

Concen: 19.602 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Tgt Ion: 97 Resp: 63909

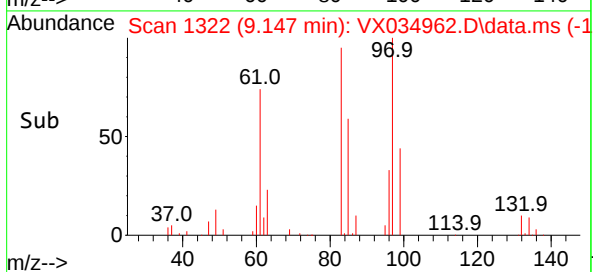
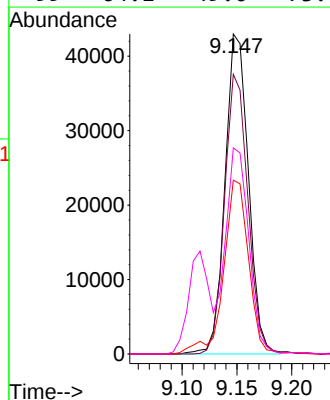
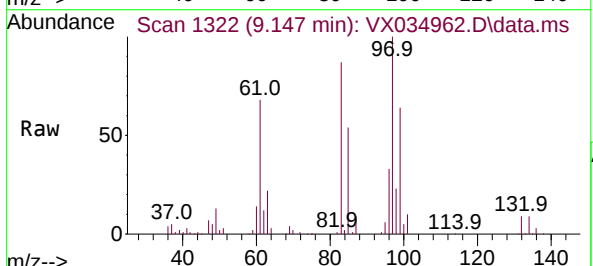
Ion Ratio Lower Upper

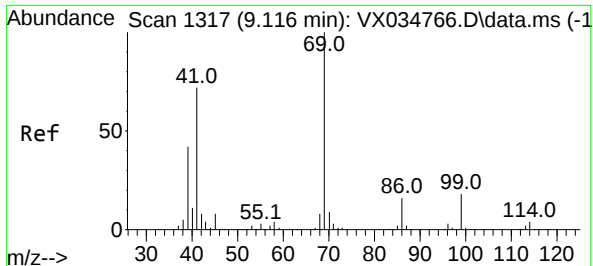
97 100

83 87.4 68.9 103.3

85 53.9 44.0 66.0

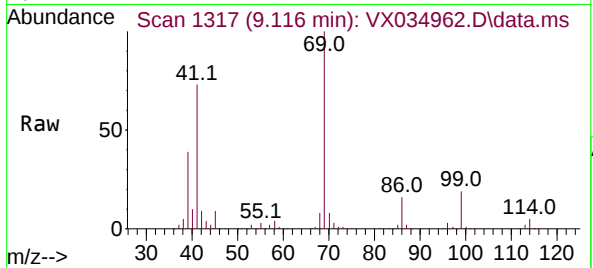
99 64.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.953 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

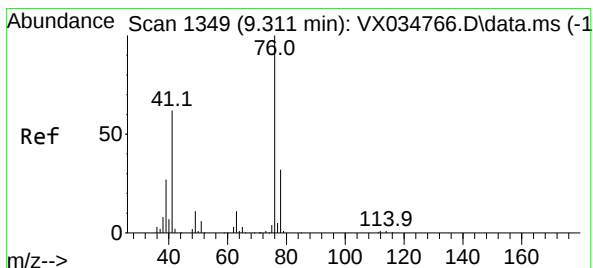
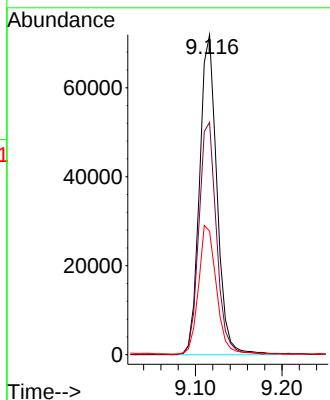
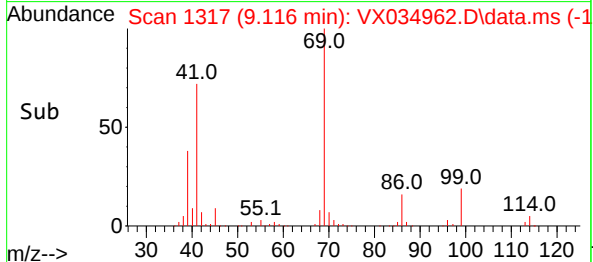
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 69 Resp: 10029
Ion Ratio Lower Upper
69 100
41 72.4 36.2 108.6
39 38.4 21.2 63.6

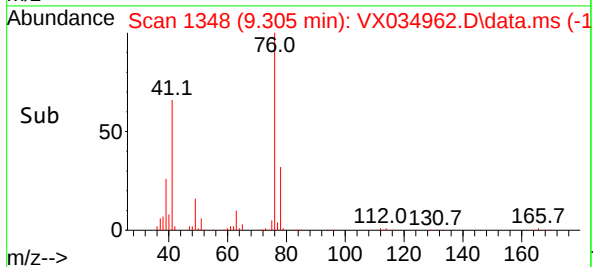
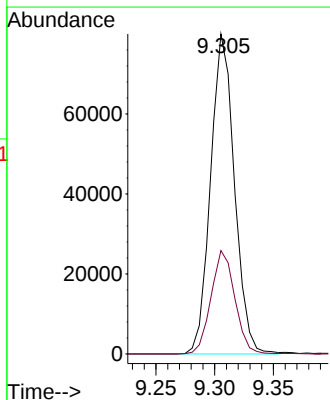
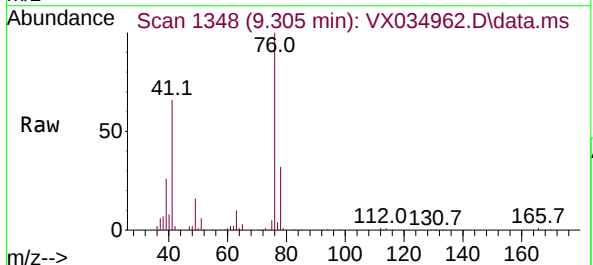
Manual Integrations
APPROVED

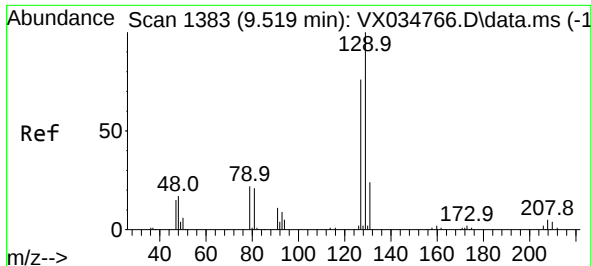
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#52
1,3-Dichloropropane
Concen: 19.597 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

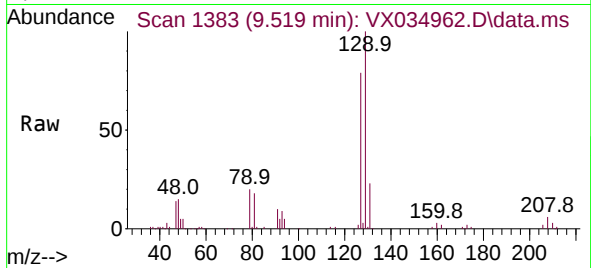
Tgt Ion: 76 Resp: 112865
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.8





#53
Dibromochloromethane
Concen: 19.243 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

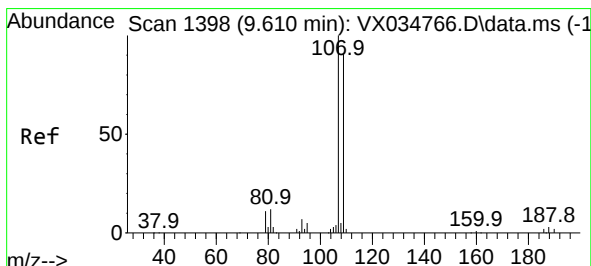
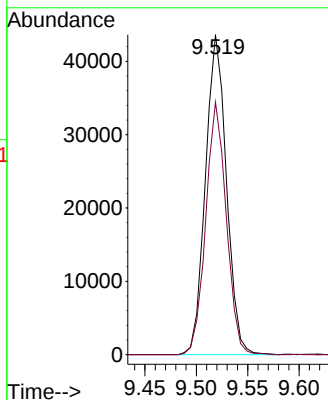
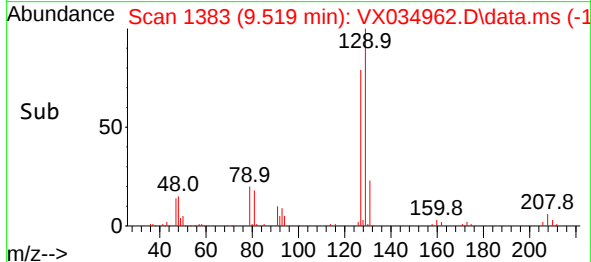
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:129 Resp: 62064
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.5

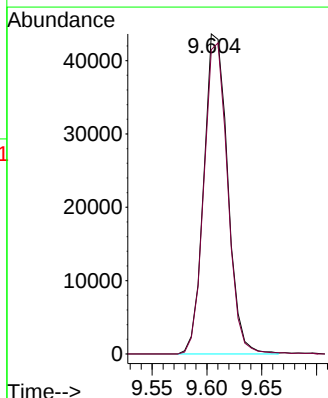
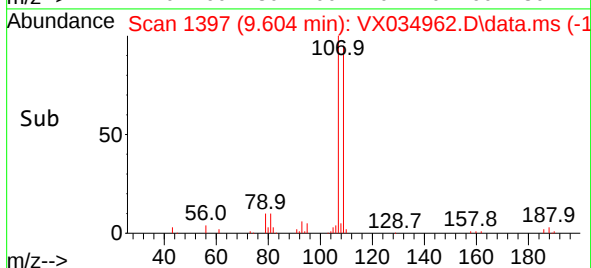
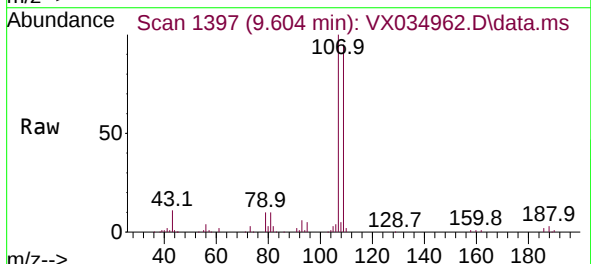
Manual Integrations
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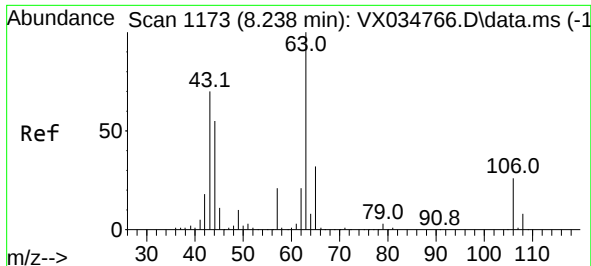
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#54
1,2-Dibromoethane
Concen: 18.977 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion:107 Resp: 66182
Ion Ratio Lower Upper
107 100
109 96.4 75.4 113.2





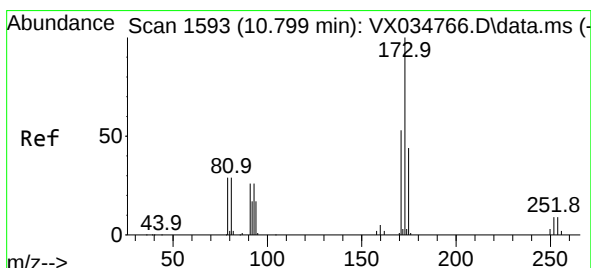
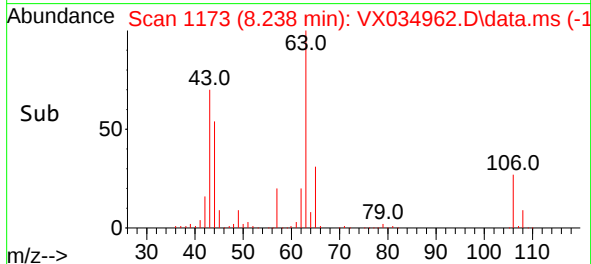
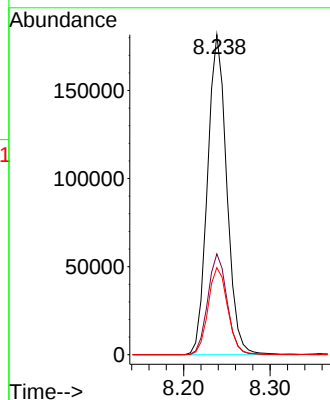
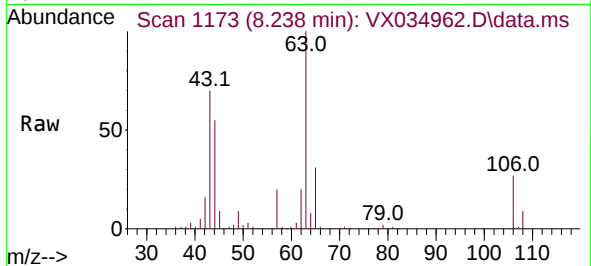
#55
2-Chloroethyl vinyl ether
Concen: 100.673 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 63 Resp: 280340
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.2
106 27.7 21.6 32.4

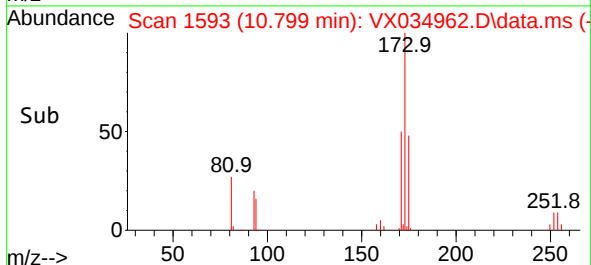
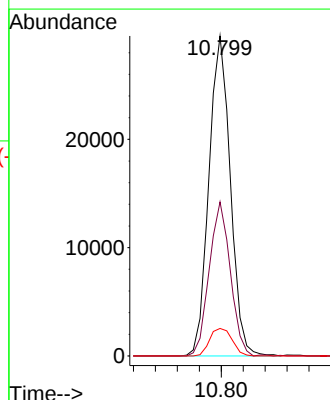
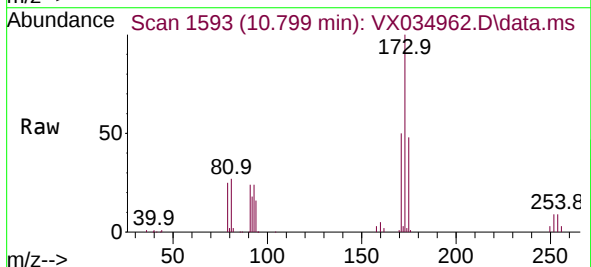
Manual Integrations
APPROVED

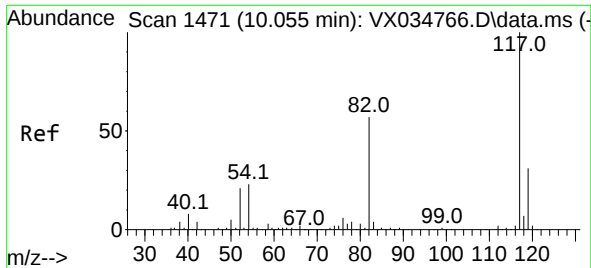
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#56
Bromoform
Concen: 18.030 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

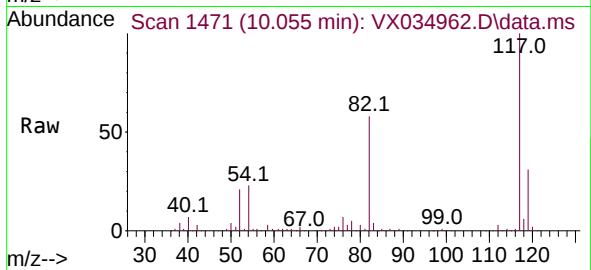
Tgt Ion:173 Resp: 40096
Ion Ratio Lower Upper
173 100
175 47.3 37.0 55.4
254 9.0 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

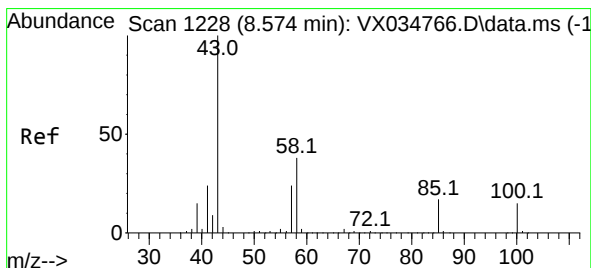
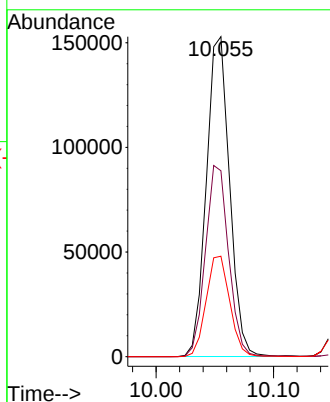
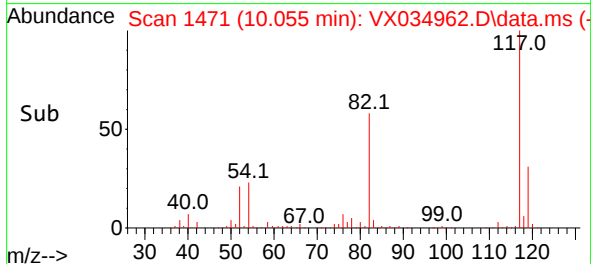
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 117 Resp: 210390
Ion Ratio Lower Upper
117 100
82 59.9 45.8 68.8
119 32.1 25.4 38.0

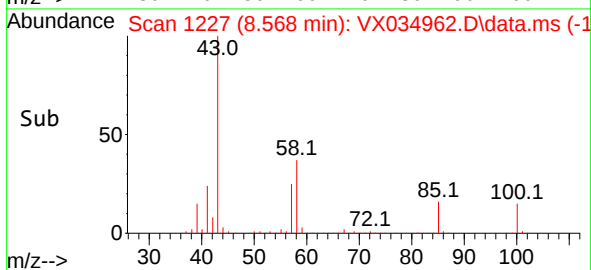
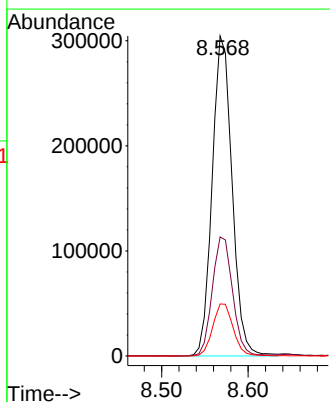
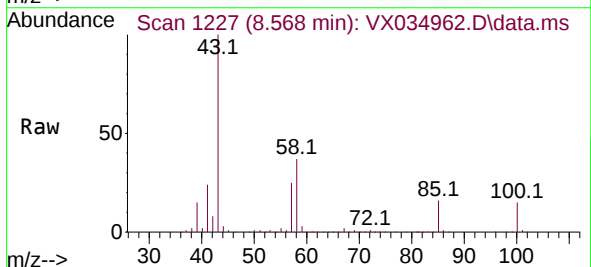
Manual Integrations
APPROVED

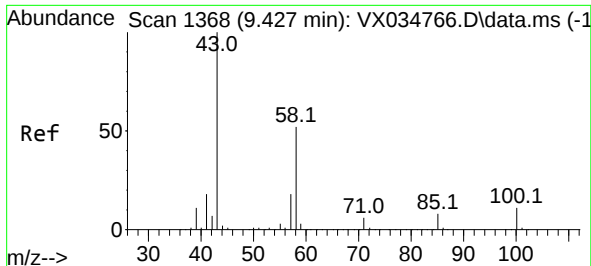
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 100.826 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 43 Resp: 486377
Ion Ratio Lower Upper
43 100
58 37.9 29.9 44.9
85 16.7 13.2 19.8





#59

2-Hexanone

Concen: 102.163 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 43 Resp: 371050

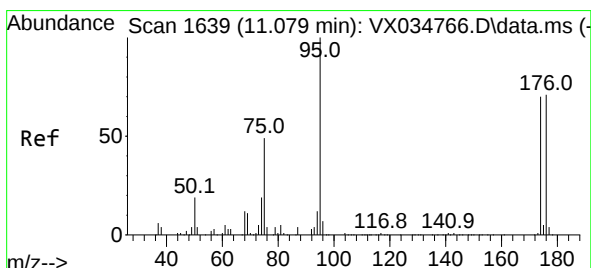
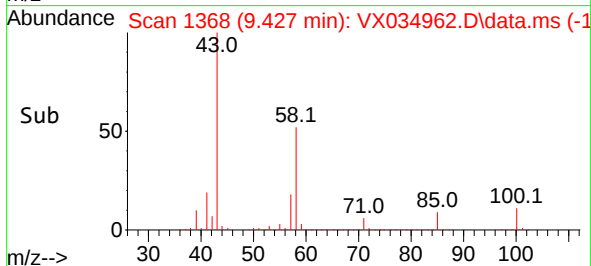
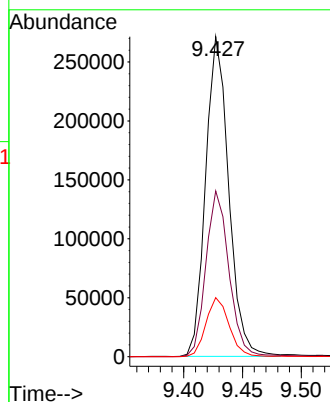
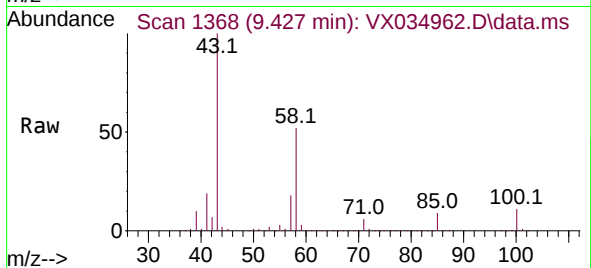
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.7	62.5
57	18.5	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#60

4-Bromofluorobenzene

Concen: 30.610 ug/l

RT: 11.079 min Scan# 1639

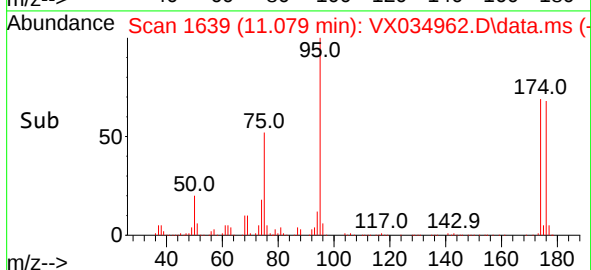
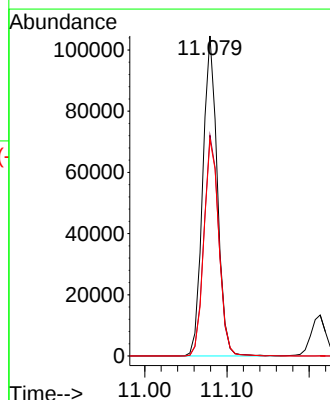
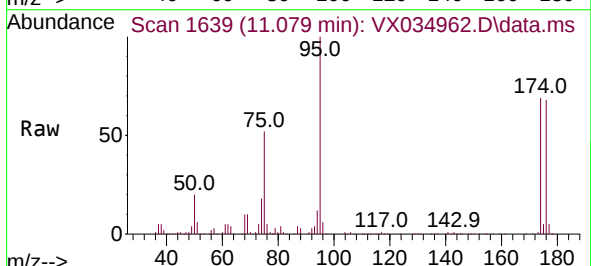
Delta R.T. 0.000 min

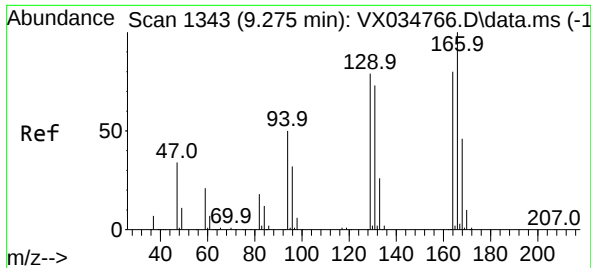
Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Tgt Ion: 95 Resp: 128685

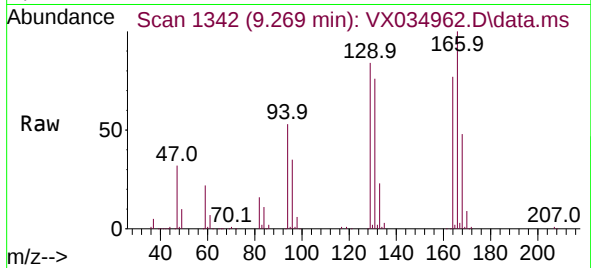
Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.2	0.4#
176	69.3	0.2	0.2#





#61
Tetrachloroethene
Concen: 20.348 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

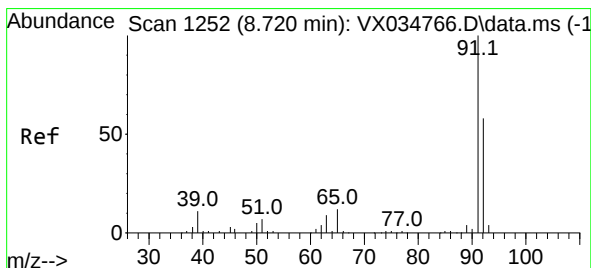
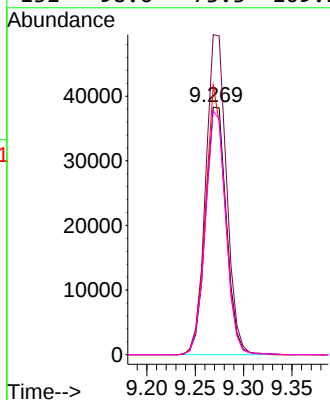
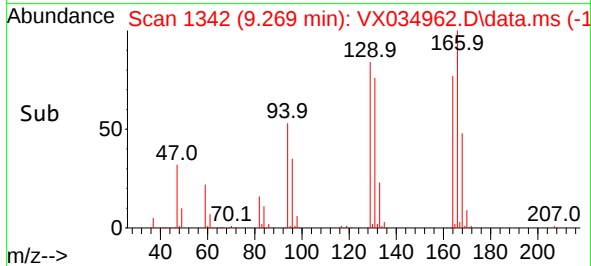
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:164 Resp: 57680
Ion Ratio Lower Upper
164 100
166 129.3 100.1 150.1
129 108.9 79.1 118.7
131 98.6 73.3 109.9

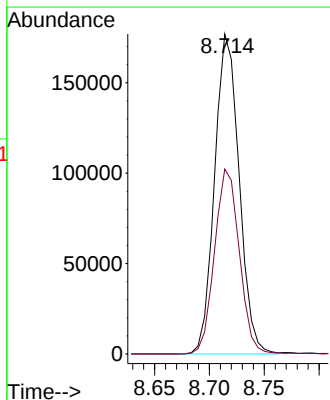
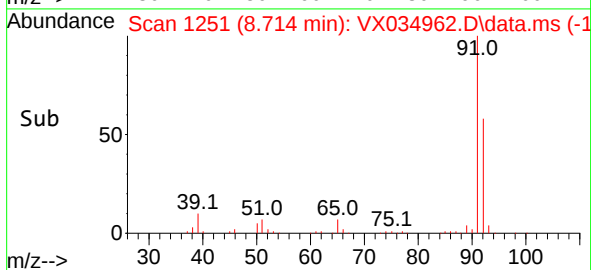
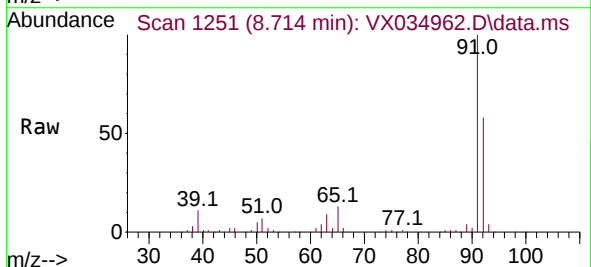
Manual Integrations
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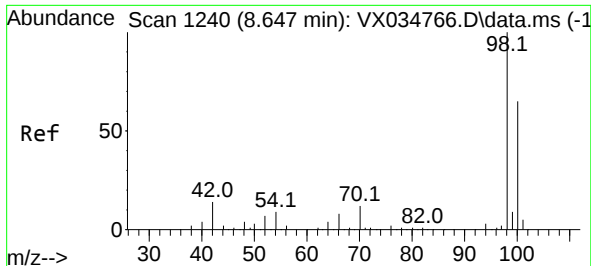
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#62
Toluene
Concen: 20.031 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

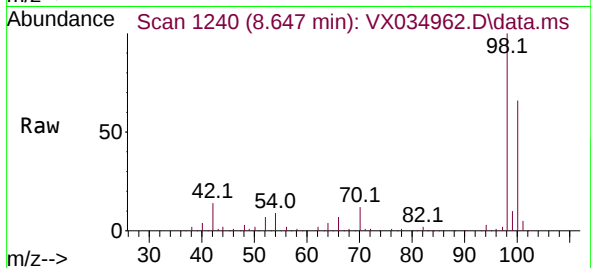
Tgt Ion: 91 Resp: 275575
Ion Ratio Lower Upper
91 100
92 58.4 46.5 69.7





#63
Toluene-d8
Concen: 30.193 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

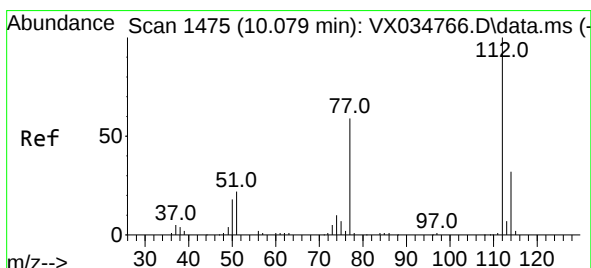
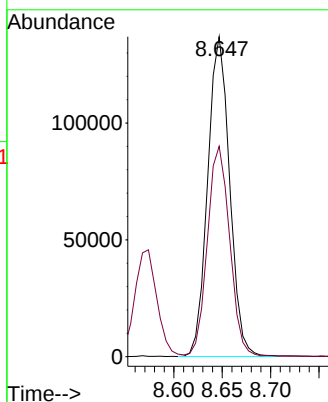
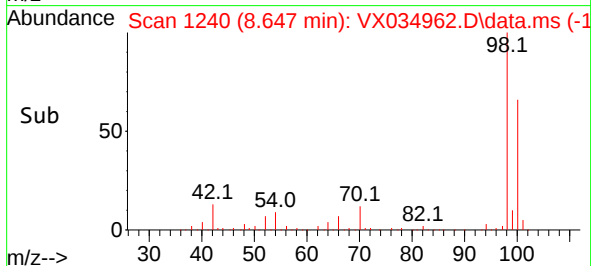
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



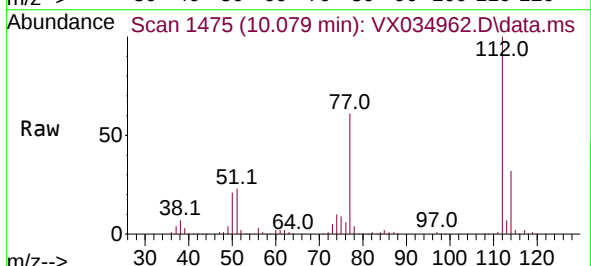
Tgt Ion: 98 Resp: 21588
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1

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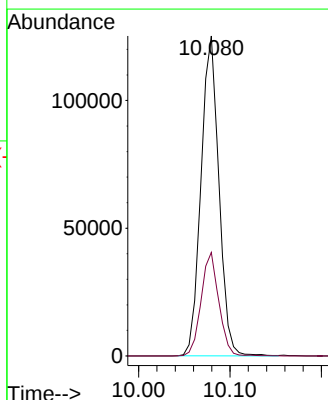
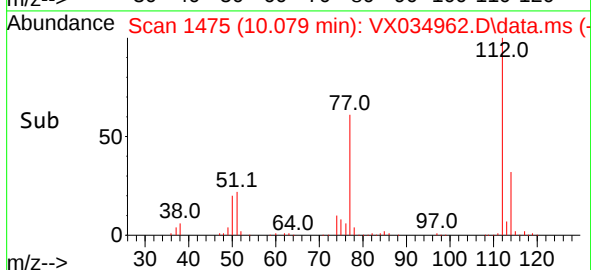
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

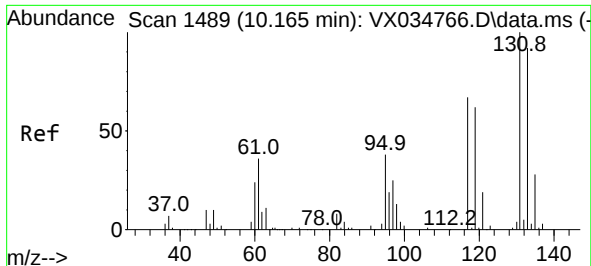


#64
Chlorobenzene
Concen: 20.064 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04



Tgt Ion:112 Resp: 169983
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8





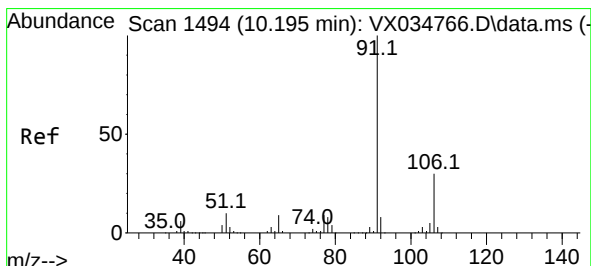
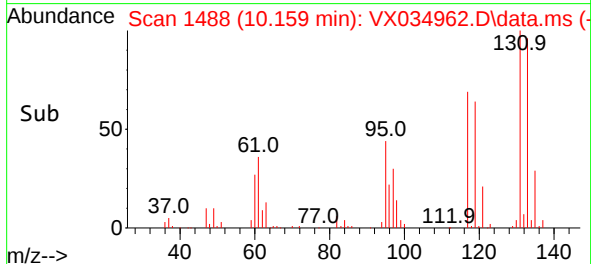
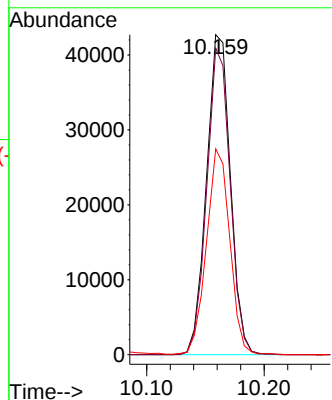
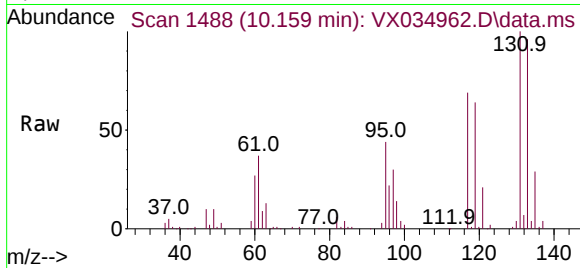
#65
1,1,1,2-Tetrachloroethane
Concen: 19.907 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion:131 Resp: 60292
Ion Ratio Lower Upper
131 100
133 93.6 0.0 186.6
119 62.7 0.0 128.6

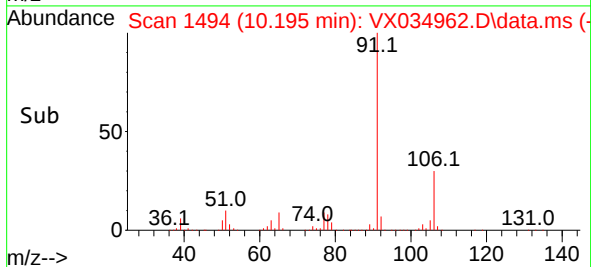
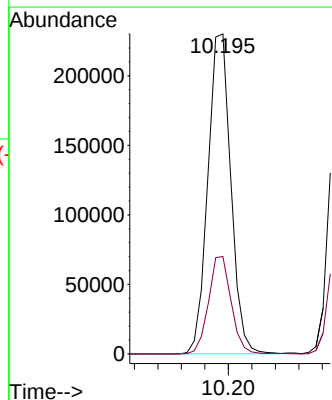
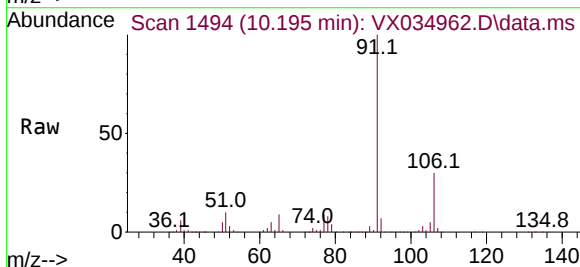
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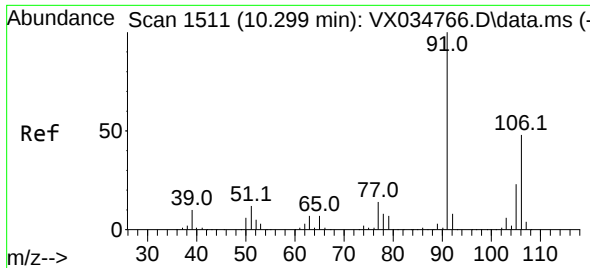
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#66
Ethyl Benzene
Concen: 20.371 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 91 Resp: 312134
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6





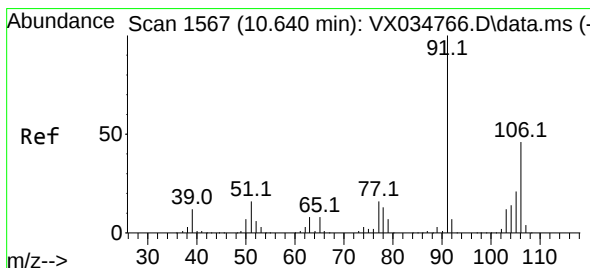
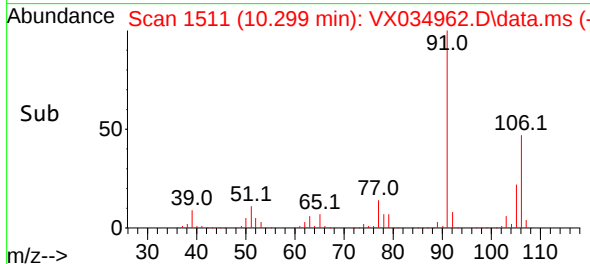
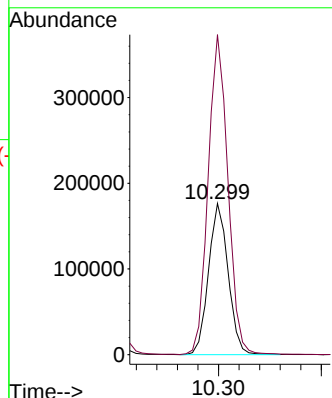
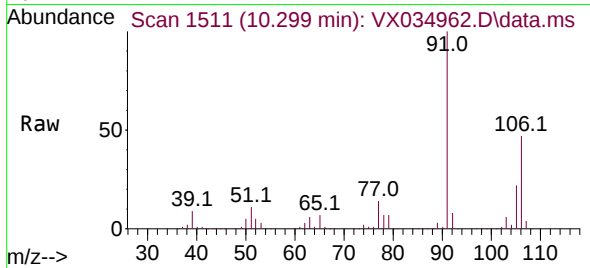
#67
m/p-Xylenes
Concen: 40.206 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion:106 Resp: 234409
Ion Ratio Lower Upper
106 100
91 212.6 167.4 251.2

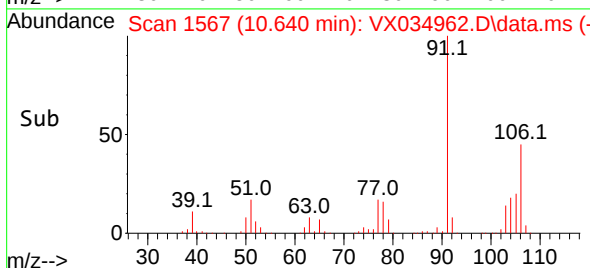
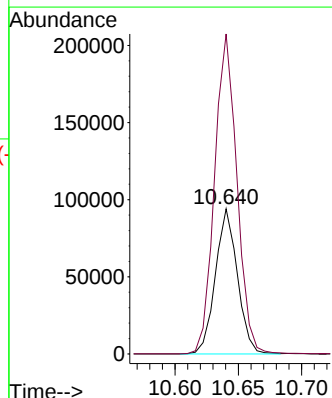
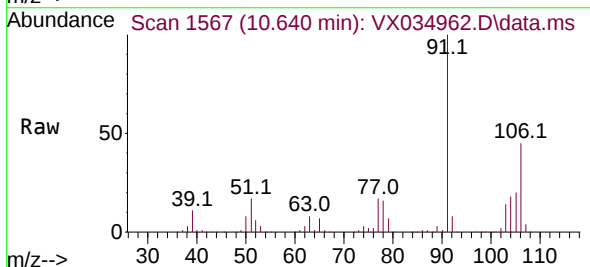
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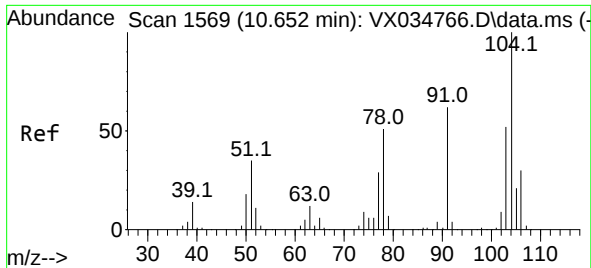
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#68
o-Xylene
Concen: 19.719 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

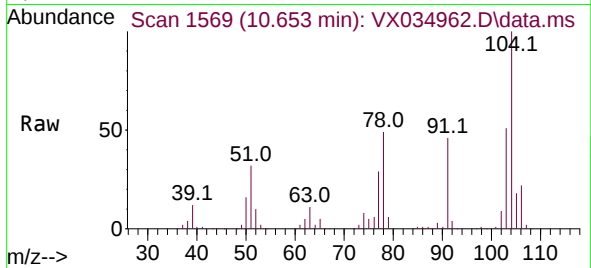
Tgt Ion:106 Resp: 113694
Ion Ratio Lower Upper
106 100
91 224.0 108.9 326.8





#69
Styrene
Concen: 19.709 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

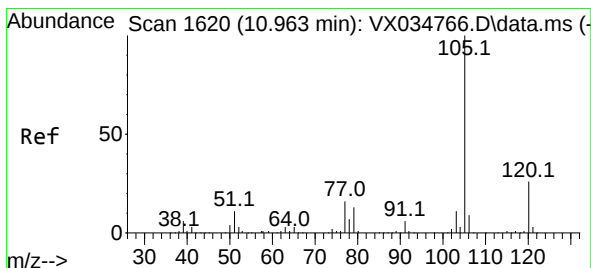
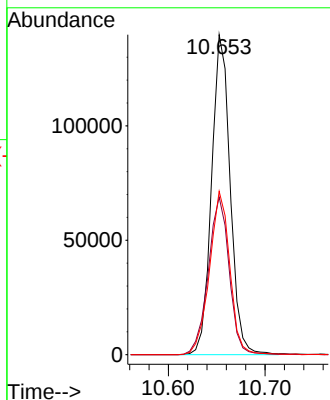
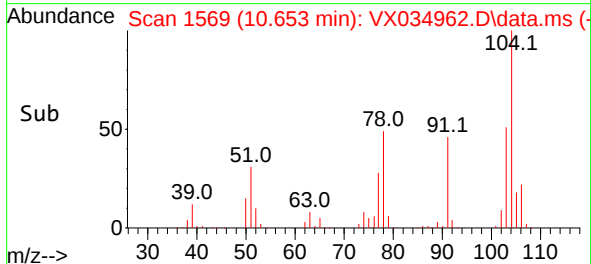
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



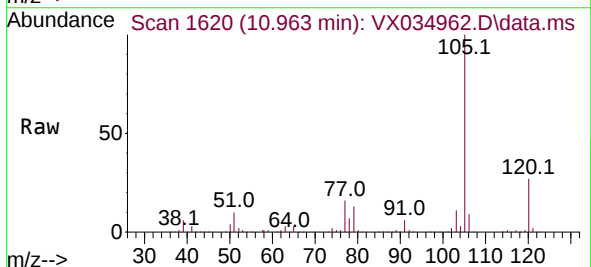
Tgt Ion:104 Resp: 187328
Ion Ratio Lower Upper
104 100
78 55.2 42.8 64.2
103 55.6 43.8 65.8

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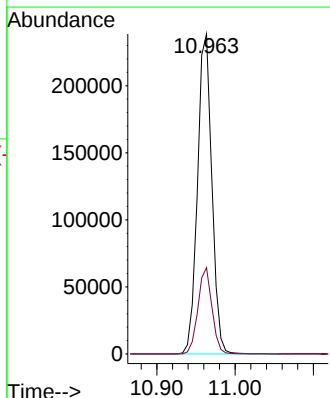
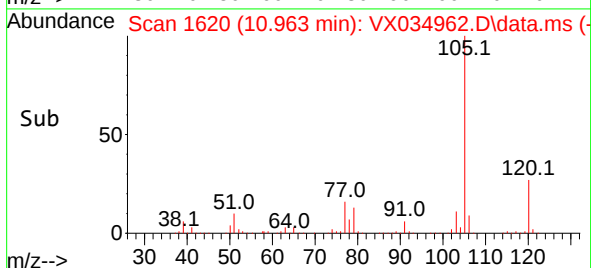
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

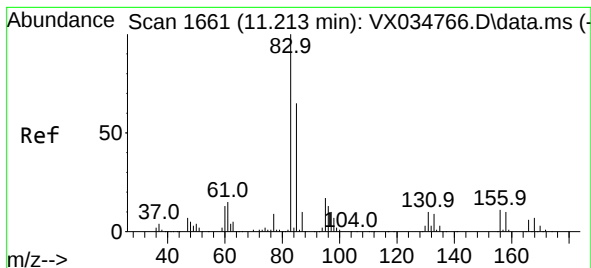


#70
Isopropylbenzene
Concen: 20.364 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04



Tgt Ion:105 Resp: 303868
Ion Ratio Lower Upper
105 100
120 26.3 18.5 34.3





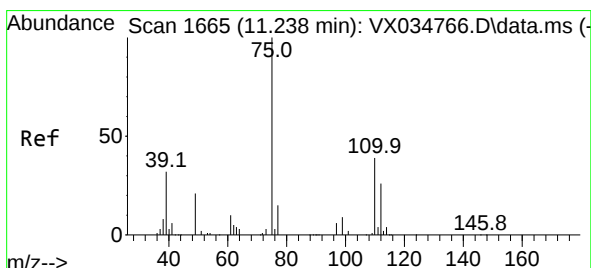
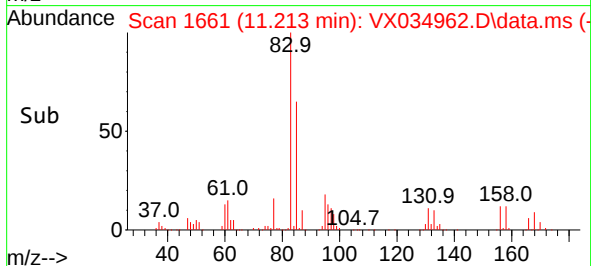
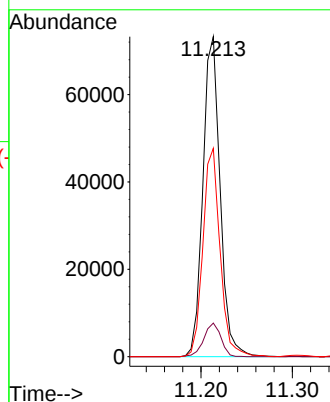
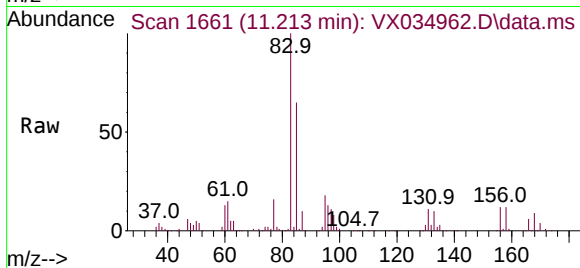
#71
1,1,2,2-Tetrachloroethane
Concen: 19.515 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 83 Resp: 95718
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 64.9 31.9 95.5

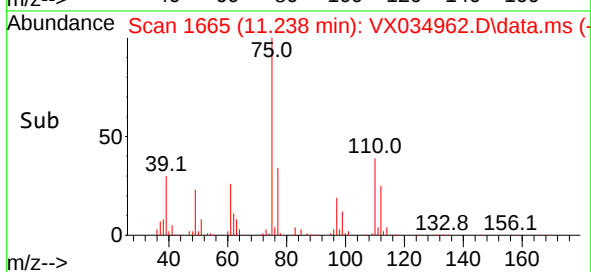
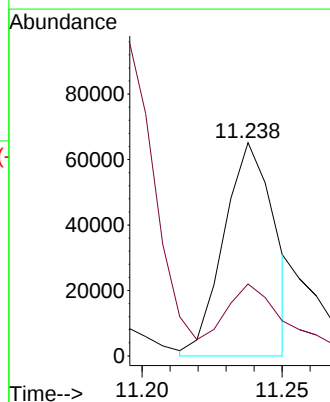
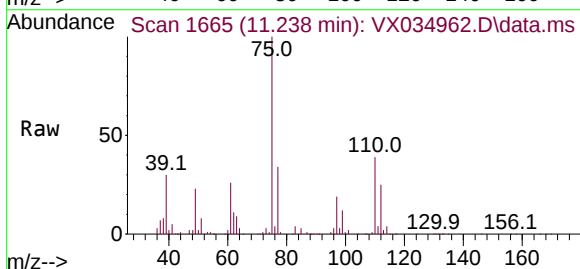
Manual Integrations
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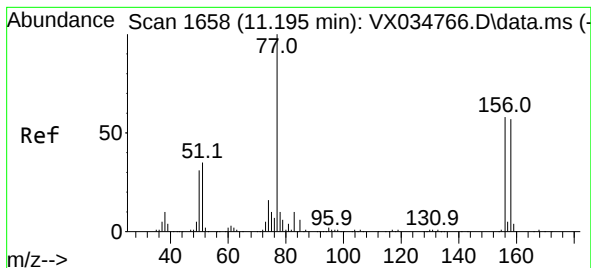
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#72
1,2,3-Trichloropropane
Concen: 18.347 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion: 75 Resp: 81914
Ion Ratio Lower Upper
75 100
77 42.1 0.0 73.8





#73

Bromobenzene

Concen: 19.753 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

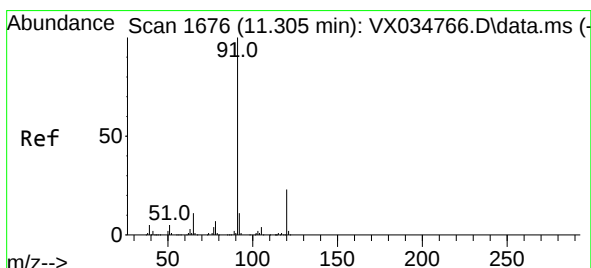
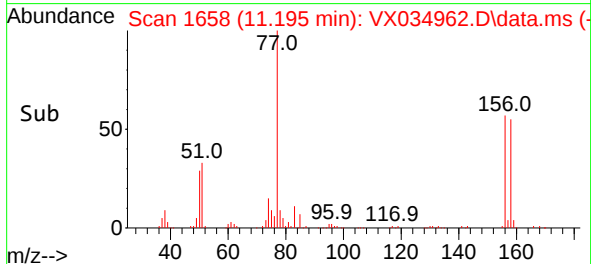
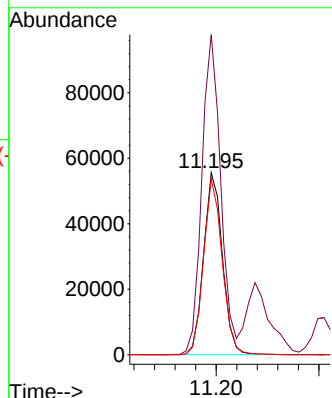
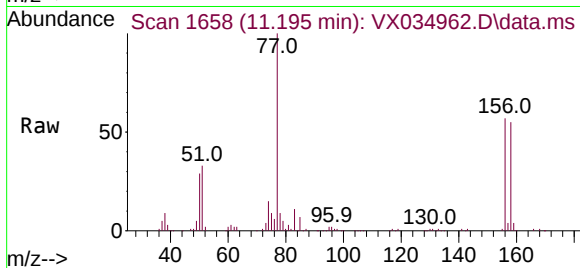
Tgt Ion:	156	Resp:	7078
Ion Ratio	Lower	Upper	
156	100		
77	175.8	0.0	330.8
158	95.9	0.0	193.4

Manual Integrations

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Reviewed By :John Carlone 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#74

n-propylbenzene

Concen: 20.264 ug/l

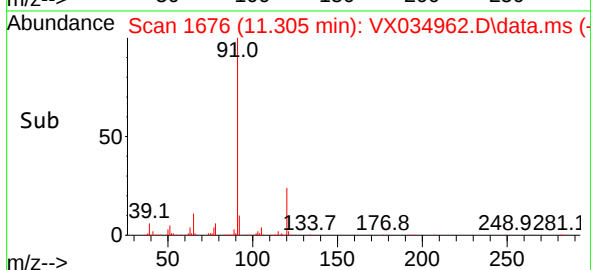
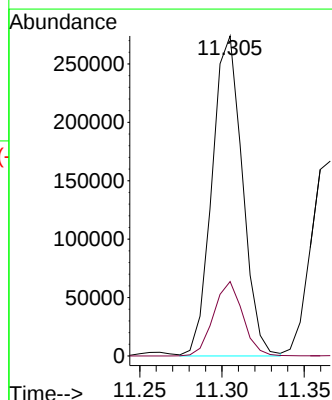
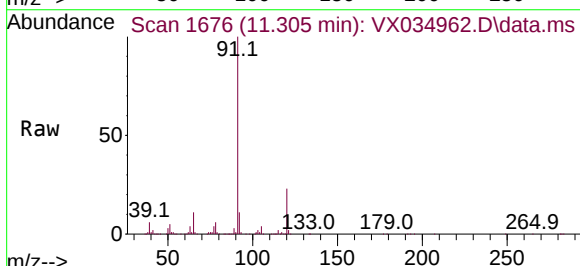
RT: 11.305 min Scan# 1676

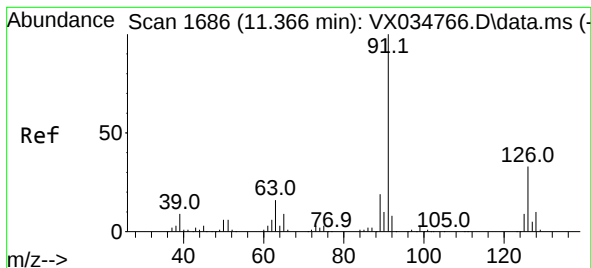
Delta R.T. -0.000 min

Lab File: VX034962.D

Acq: 07 Apr 2023 11:04

Tgt Ion:	91	Resp:	351990
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	44.8





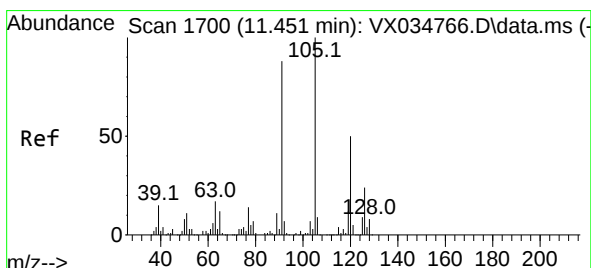
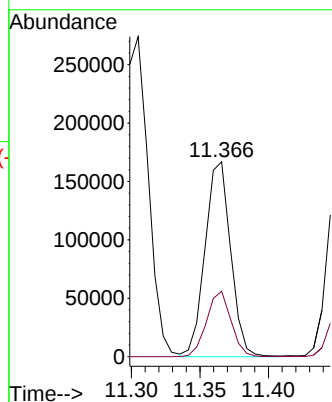
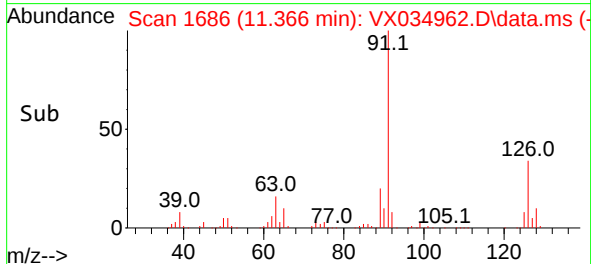
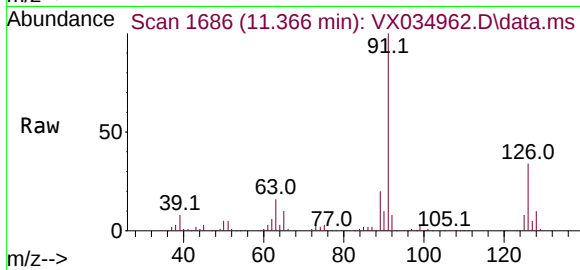
#75
2-Chlorotoluene
Concen: 20.060 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 91 Resp: 217229
Ion Ratio Lower Upper
91 100
126 32.0 0.0 66.4

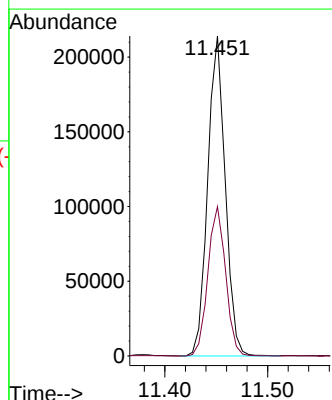
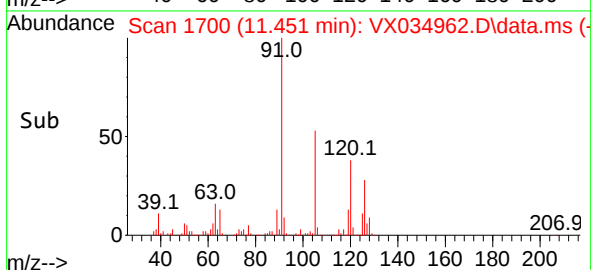
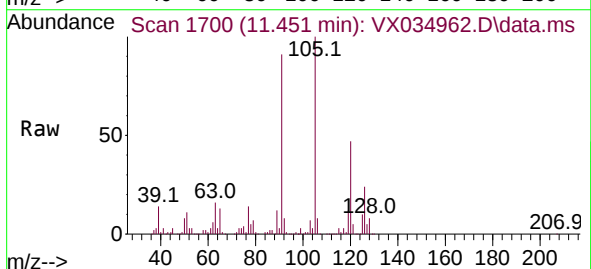
Manual Integrations
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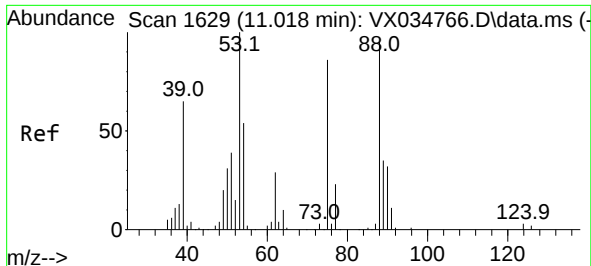
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.209 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion:105 Resp: 253842
Ion Ratio Lower Upper
105 100
120 47.2 0.0 96.4





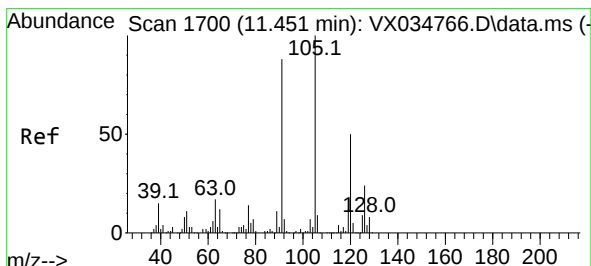
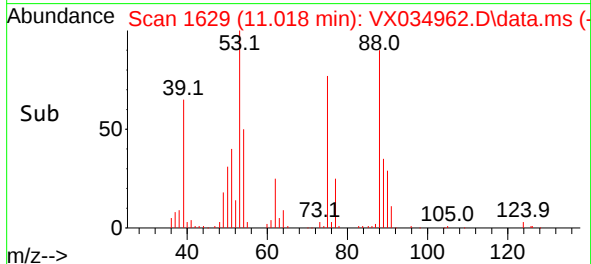
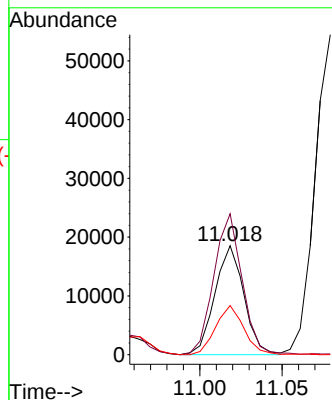
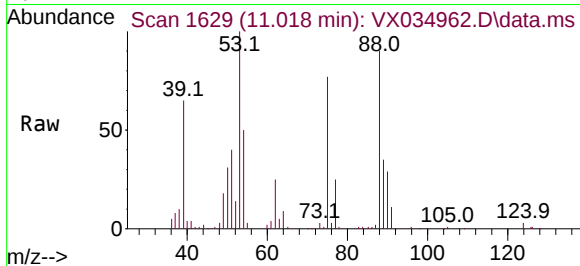
#77
t-1,4-Dichloro-2-butene
Concen: 16.632 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 75 Resp: 2280
Ion Ratio Lower Upper
75 100
53 129.3 58.2 174.6
89 45.1 20.6 61.8

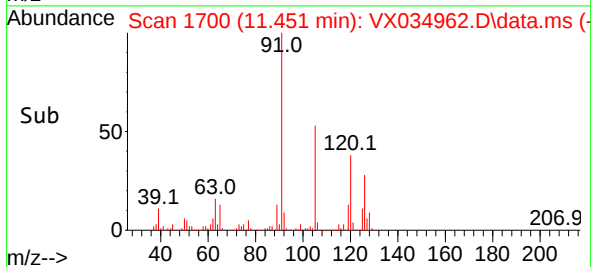
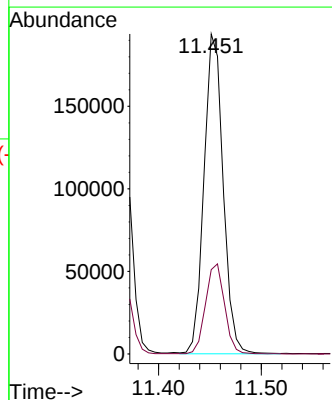
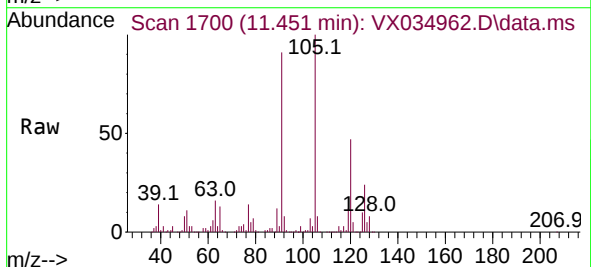
Manual Integrations
APPROVED

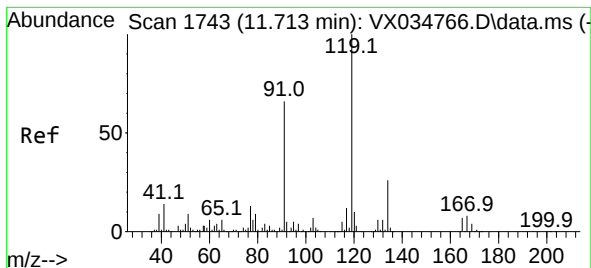
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#78
4-Chlorotoluene
Concen: 20.255 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

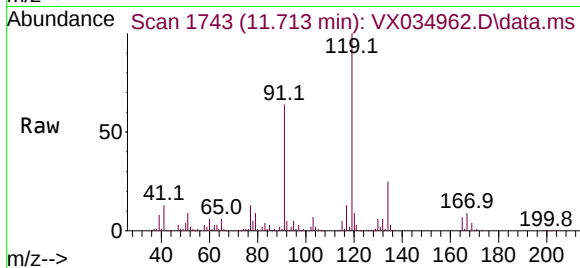
Tgt Ion: 91 Resp: 251461
Ion Ratio Lower Upper
91 100
126 28.0 0.0 56.8





#79
tert-butylbenzene
Concen: 19.920 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

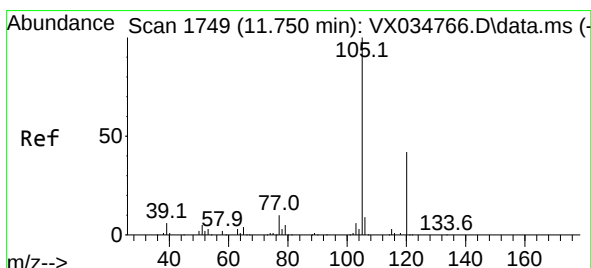
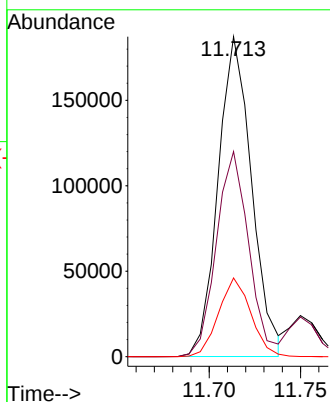
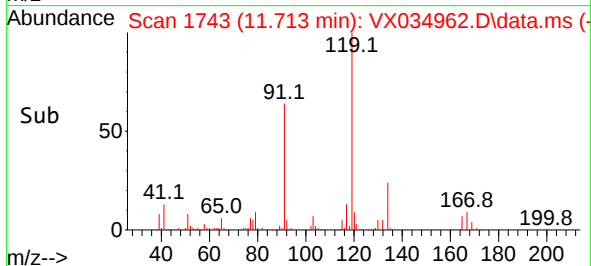
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:119 Resp: 238859
Ion Ratio Lower Upper
119 100
91 62.3 0.0 122.4
134 23.8 0.0 49.2

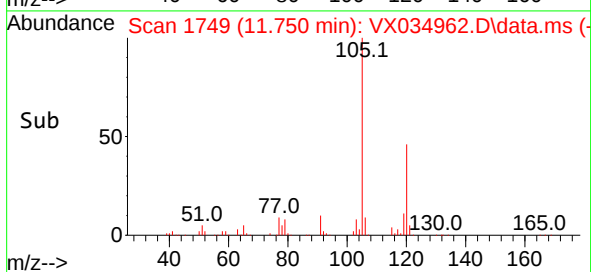
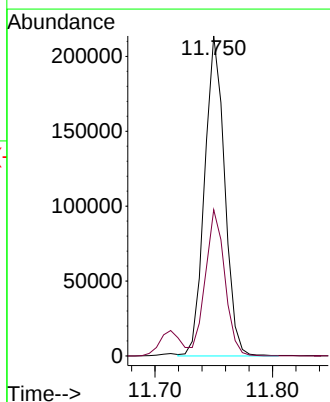
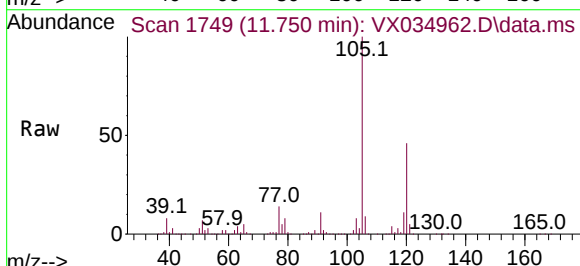
Manual Integrations
APPROVED

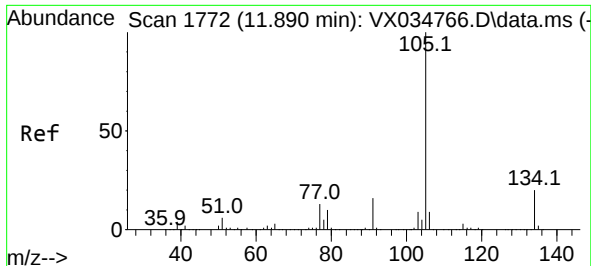
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.277 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

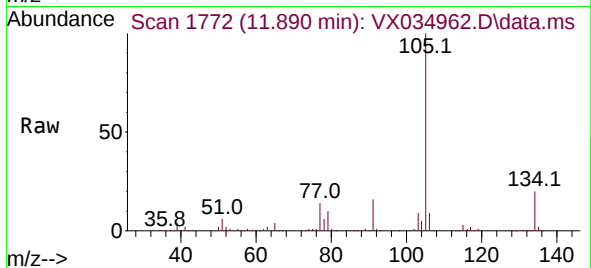
Tgt Ion:105 Resp: 253104
Ion Ratio Lower Upper
105 100
120 44.1 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 19.952 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034962.D
 Acq: 07 Apr 2023 11:04

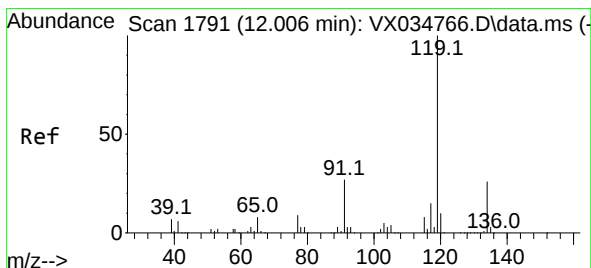
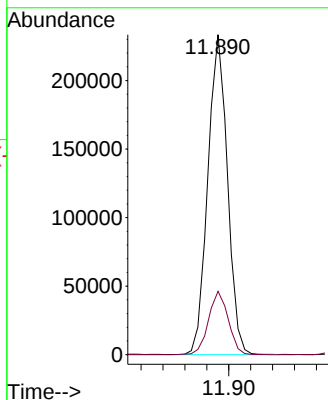
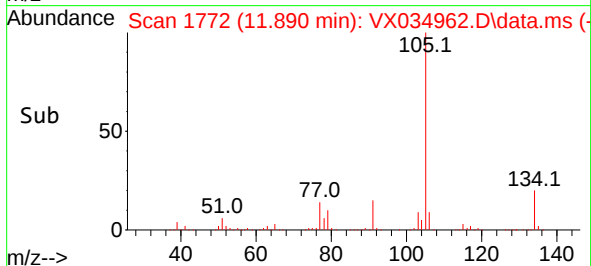
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01



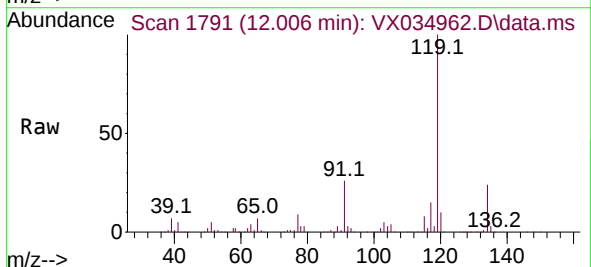
Tgt Ion:105 Resp: 28988
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 40.2

Manual Integrations
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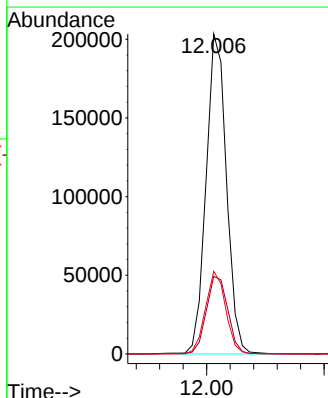
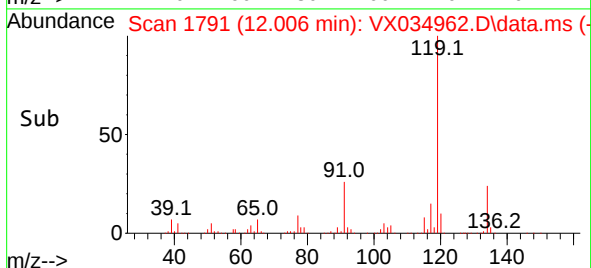
Reviewed By :John Carlone 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023

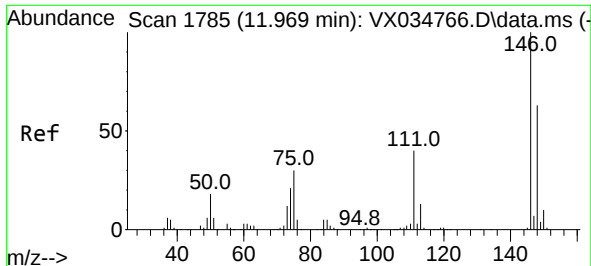


#82
 p-Isopropyltoluene
 Concen: 19.985 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034962.D
 Acq: 07 Apr 2023 11:04



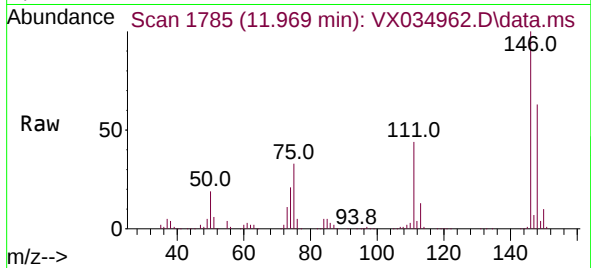
Tgt Ion:119 Resp: 245036
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.2
 91 25.5 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.731 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

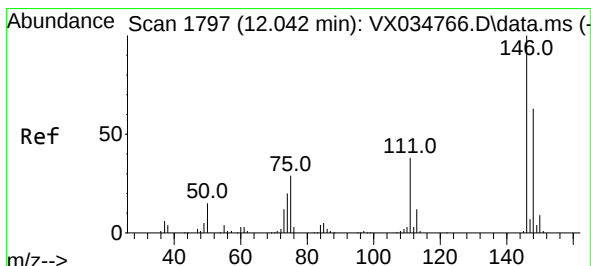
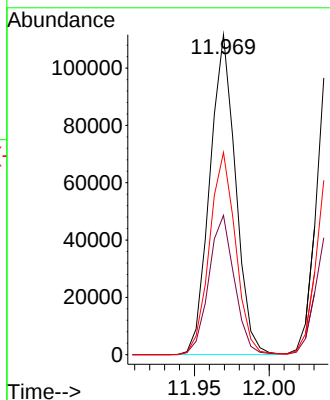
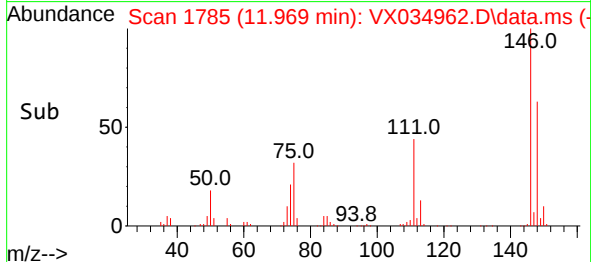
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



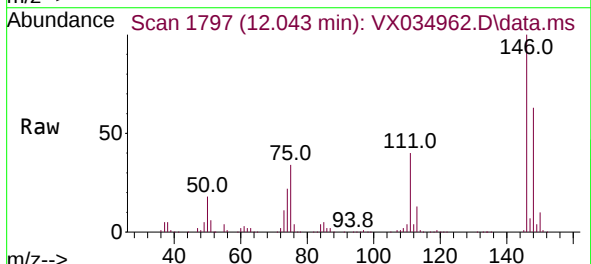
Tgt Ion:146 Resp: 133528
Ion Ratio Lower Upper
146 100
111 43.5 20.6 61.9
148 64.1 31.6 94.7

Manual Integrations
APPROVED

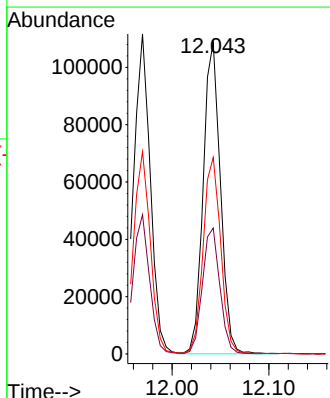
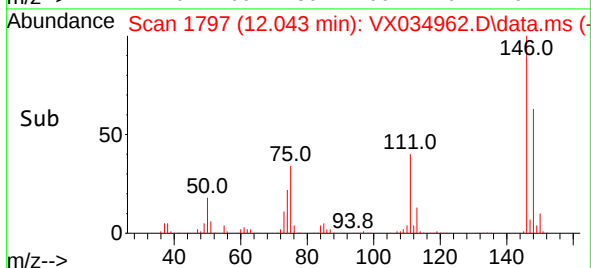
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

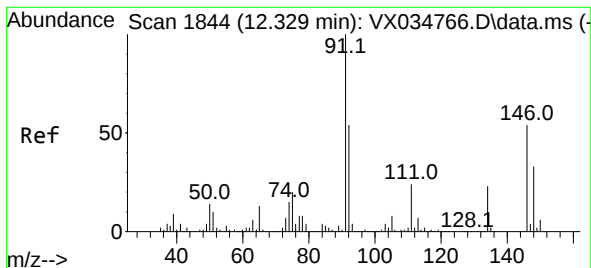


#84
1,4-Dichlorobenzene
Concen: 19.890 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04



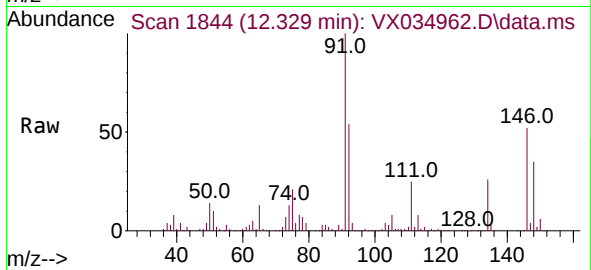
Tgt Ion:146 Resp: 135175
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.1 31.8 95.3





#85
n-Butylbenzene
Concen: 19.837 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

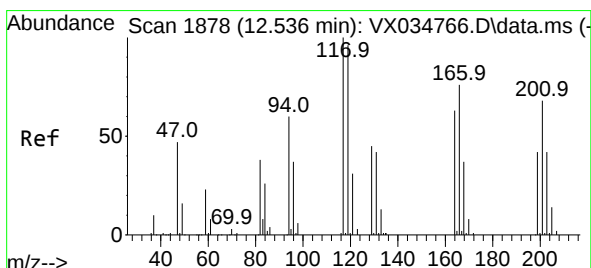
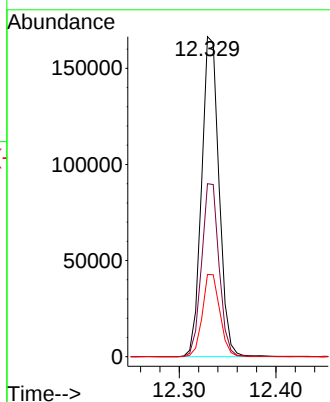
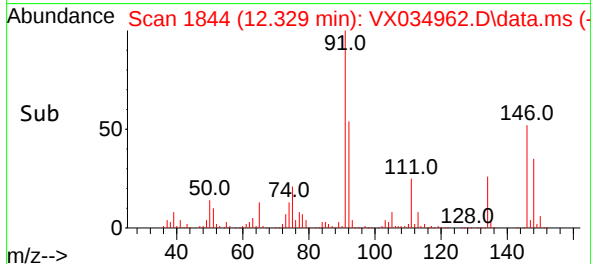
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 91 Resp: 209614
Ion Ratio Lower Upper
91 100
92 54.1 0.0 107.6
134 25.7 0.0 49.8

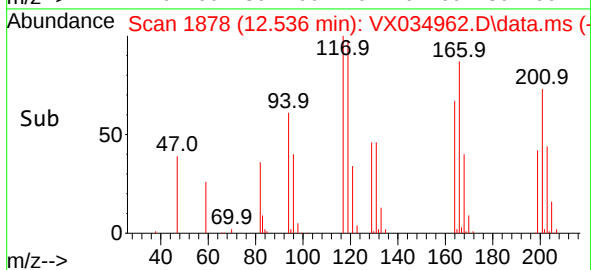
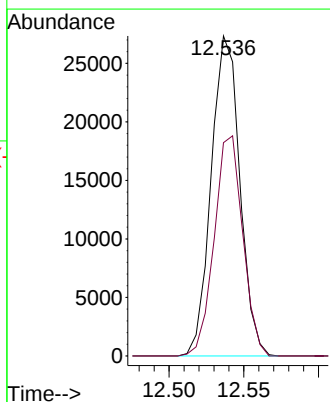
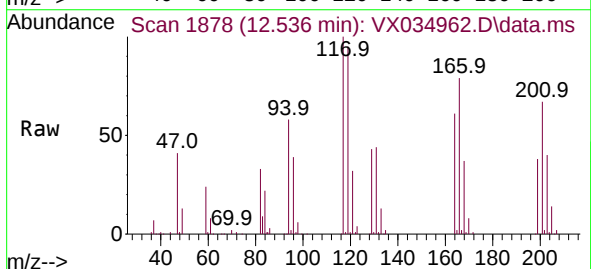
Manual Integrations
APPROVED

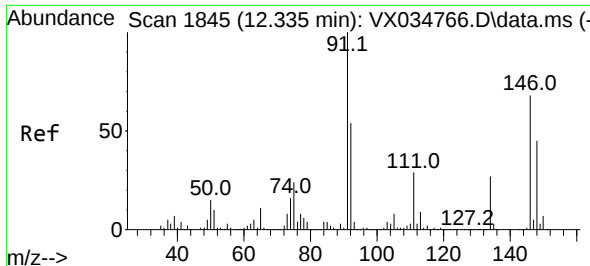
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#86
Hexachloroethane
Concen: 18.142 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

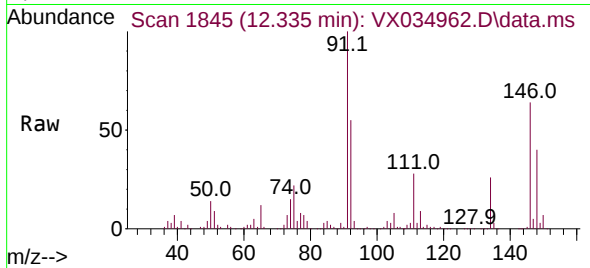
Tgt Ion:117 Resp: 36431
Ion Ratio Lower Upper
117 100
201 68.5 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 19.724 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

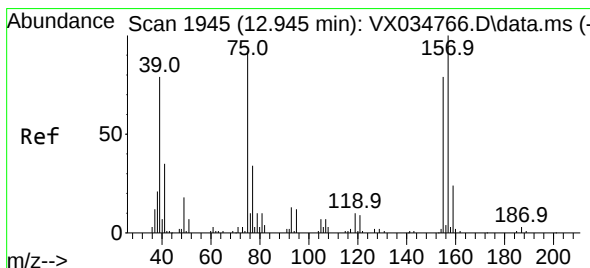
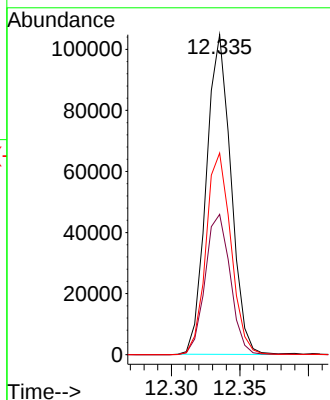
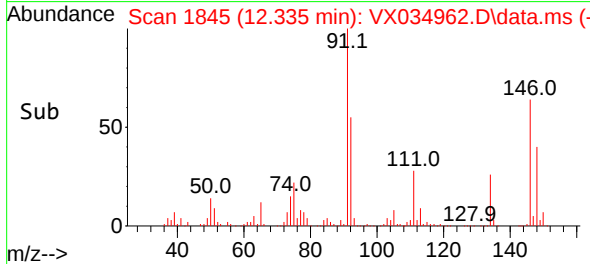
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:146 Resp: 130612
Ion Ratio Lower Upper
146 100
111 44.8 21.3 64.0
148 63.8 31.7 95.1

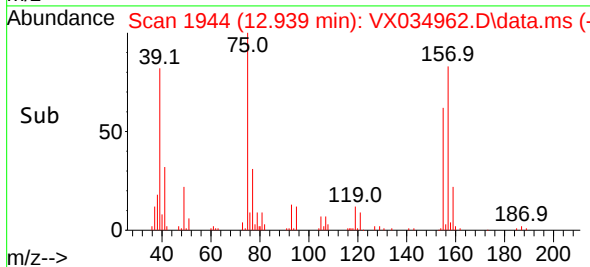
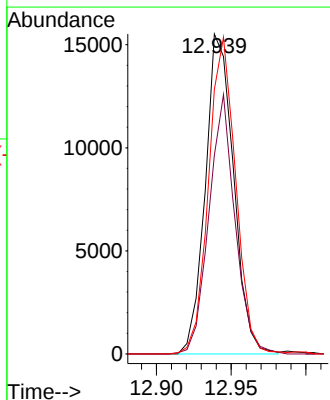
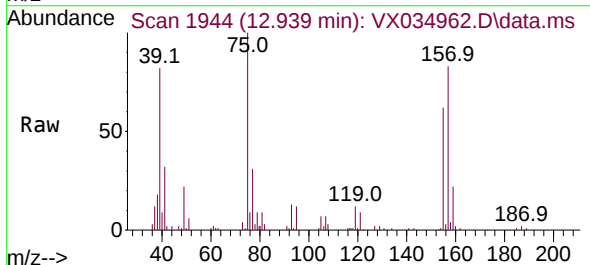
Manual Integrations
APPROVED

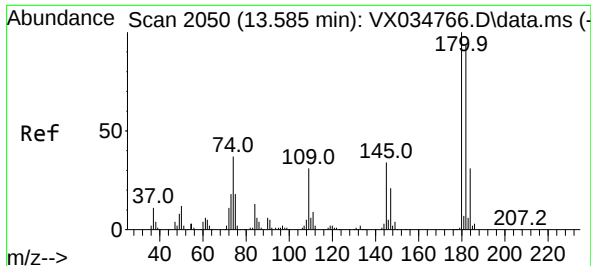
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.037 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

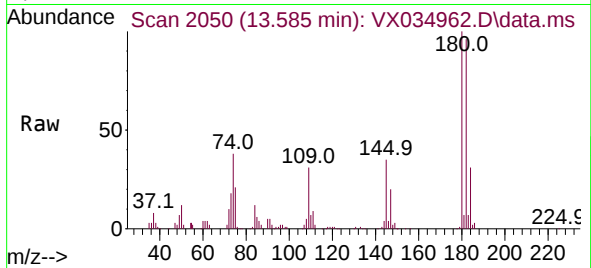
Tgt Ion: 75 Resp: 20405
Ion Ratio Lower Upper
75 100
155 74.6 63.7 95.5
157 95.0 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 19.516 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

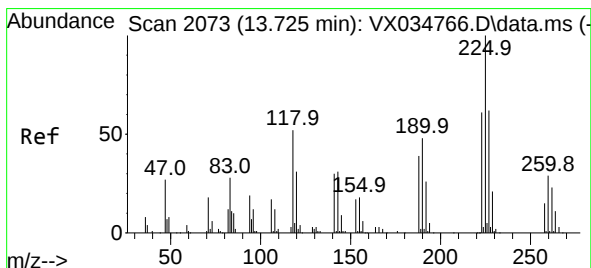
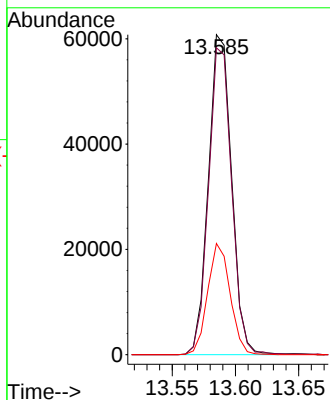
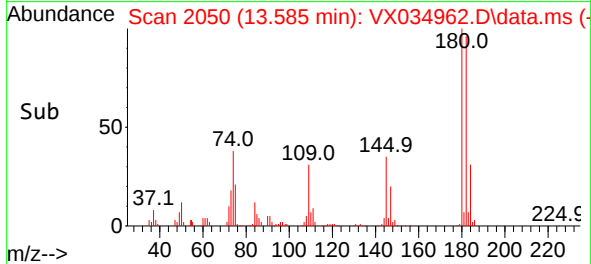
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:180 Resp: 77524
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.8
145 33.8 25.8 38.6

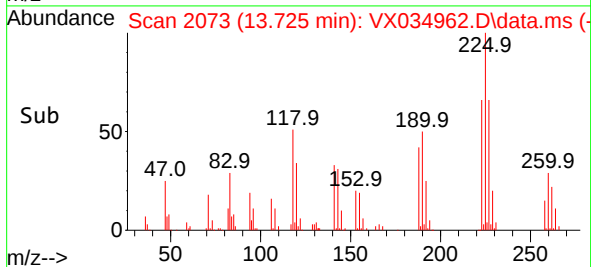
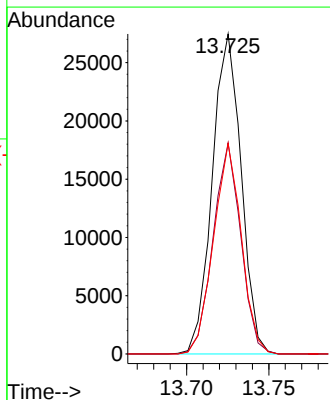
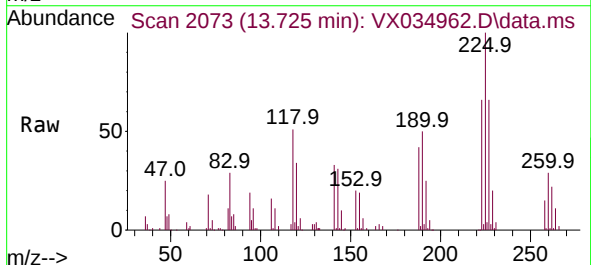
Manual Integrations
APPROVED

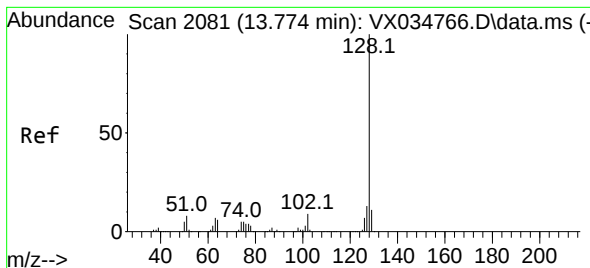
Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#90
Hexachlorobutadiene
Concen: 21.901 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

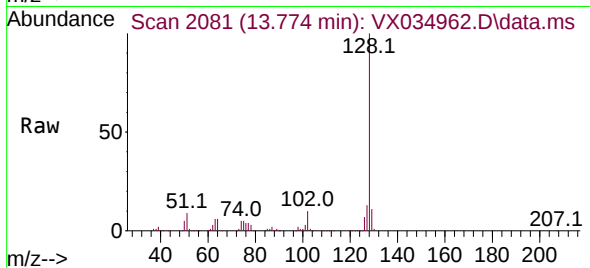
Tgt Ion:225 Resp: 33552
Ion Ratio Lower Upper
225 100
223 63.2 0.0 124.2
227 63.3 0.0 122.8





#91
Naphthalene
Concen: 19.450 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

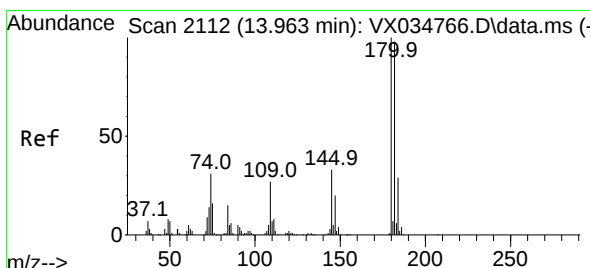
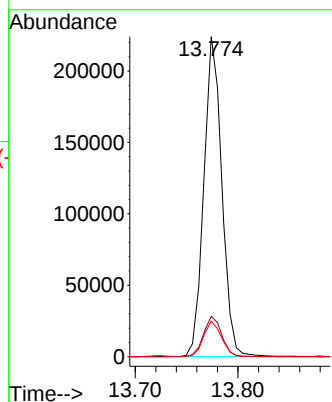
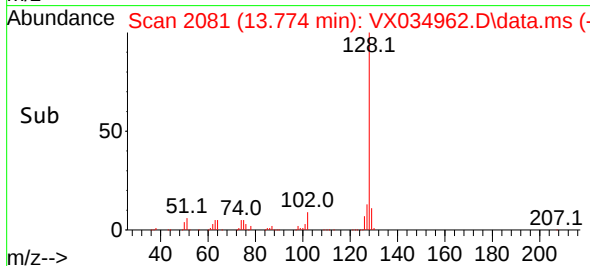
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:128 Resp: 272984
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.852 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034962.D
Acq: 07 Apr 2023 11:04

Tgt Ion:180 Resp: 78835
Ion Ratio Lower Upper
180 100
182 92.4 0.0 191.0
145 35.4 0.0 66.8

