

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010723\
 Data File : VX033649.D
 Acq On : 06 Jan 2023 23:50
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Jan 07 05:51:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 05:49:19 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	16483	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	110544	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	122732	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	38905	27.012	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 90.033%#			
60) 4-Bromofluorobenzene	11.079	95	68497	30.312	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.033%			
63) Toluene-d8	8.647	98	118716	29.316	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.733%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84784	64.526	ug/l	99
3) Chloromethane	1.294	50	92867	68.062	ug/l	99
4) Vinyl Chloride	1.374	62	86762	58.220	ug/l	98
5) Bromomethane	1.617	94	44141	42.319	ug/l	96
6) Chloroethane	1.697	64	46360	44.458	ug/l	96
7) Trichlorofluoromethane	1.892	101	129530	44.717	ug/l	98
8) Diethyl Ether	2.136	74	46337	52.785	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	80500	56.294	ug/l	98
10) 1,1-Dichloroethene	2.325	96	79371	58.796	ug/l	97
11) Methyl Iodide	2.453	142	127748	76.592	ug/l	97
12) Methyl Acetate	2.709	43	137093	64.565	ug/l	100
13) Acrolein	2.245	56	90626	304.179	ug/l	99
14) Acrylonitrile	3.068	53	223428	292.824	ug/l	99
15) Acetone	2.404	58	57694	253.128	ug/l	84
16) Carbon Disulfide	2.514	76	210691	57.060	ug/l	98
17) Allyl chloride	2.666	41	146142	60.794	ug/l	92
18) Methylene Chloride	2.788	84	88696	53.187	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	85854	51.340	ug/l	94
20) Diisopropyl ether	3.757	45	291645	56.843	ug/l	90
21) 1,1-Dichloroethane	3.611	63	156162	52.708	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	98357	50.486	ug/l	99
23) tert-Butyl Alcohol	3.038	59	85610m	267.881	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	271576	51.898	ug/l	99
25) Chloroform	5.092	83	159142	48.311	ug/l	97
26) Cyclohexane	5.470	56	145548	55.365	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	119180	52.844	ug/l	98
30) 2-Butanone	4.568	43	316768	296.259	ug/l #	98
31) 2,2-Dichloropropane	4.477	77	103482	45.542	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	139804	49.285	ug/l	99
33) Carbon Tetrachloride	5.678	117	125297	48.471	ug/l	96
34) Benzene	6.037	78	347328	53.765	ug/l	100
35) Methacrylonitrile	4.922	41	71519	62.698	ug/l	94
36) 1,2-Dichloroethane	6.086	62	125682	51.248	ug/l	99
37) Trichloroethene	7.129	130	98978	53.918	ug/l	99
38) Methylcyclohexane	7.379	83	148917	55.389	ug/l	99
39) 1,2-Dichloropropane	7.433	63	88790	54.592	ug/l	98
40) Dibromomethane	7.580	93	62538	51.140	ug/l	99
41) Bromodichloromethane	7.824	83	122537	49.747	ug/l	99
42) Vinyl Acetate	3.721	43	1140423	302.125	ug/l	99

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 ALS Vial : 35 Sample Multiplier: 1

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 ClientSampleId :
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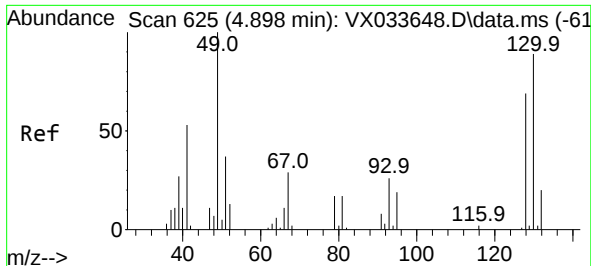
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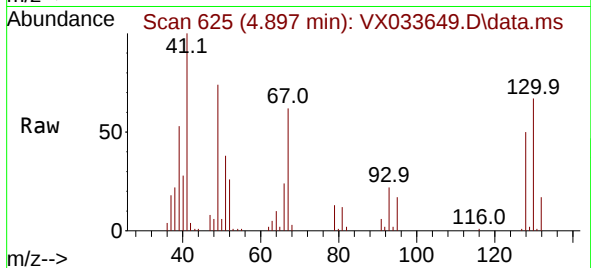
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	129301	63.728	ug/l	99
44) Isopropyl Acetate	6.342	43	202382	61.053	ug/l	100
45) 1,4-Dioxane	7.738	88	43198	1129.199	ug/l #	1
46) Methyl methacrylate	7.690	41	102647	61.487	ug/l	99
47) n-amyl Acetate	10.841	43	178527	63.716	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	126444	51.216	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	140865	52.683	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	89678	52.853	ug/l	98
51) Ethyl methacrylate	9.116	69	139525	56.776	ug/l	99
52) 1,3-Dichloropropane	9.305	76	151988	54.400	ug/l	100
53) Dibromochloromethane	9.518	129	100778	50.729	ug/l	98
54) 1,2-Dibromoethane	9.610	107	97032	52.518	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	334322	285.198	ug/l	99
56) Bromoform	10.799	173	78980	54.277	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	630825	304.659	ug/l	99
59) 2-Hexanone	9.433	43	459763	296.114	ug/l	99
61) Tetrachloroethene	9.275	164	88274	53.570	ug/l	99
62) Toluene	8.720	91	383743	51.513	ug/l	97
64) Chlorobenzene	10.079	112	248709	52.622	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	94664	51.320	ug/l	99
66) Ethyl Benzene	10.195	91	435650	52.018	ug/l	99
67) m/p-Xylenes	10.299	106	344258	104.588	ug/l	100
68) o-Xylene	10.640	106	168448	52.537	ug/l	100
69) Styrene	10.652	104	280814	52.799	ug/l	99
70) Isopropylbenzene	10.963	105	441945	52.234	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	133266	52.945	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	121866m	54.561	ug/l	
73) Bromobenzene	11.195	156	117628	55.408	ug/l	98
74) n-propylbenzene	11.305	91	506239	52.297	ug/l	99
75) 2-Chlorotoluene	11.366	91	300830	51.764	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	370125	52.163	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	37369	51.894	ug/l	89
78) 4-Chlorotoluene	11.457	91	339833	51.346	ug/l	100
79) tert-butylbenzene	11.713	119	379435	53.618	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	364567	52.291	ug/l	98
81) sec-Butylbenzene	11.890	105	458318	53.846	ug/l	100
82) p-Isopropyltoluene	12.006	119	396906	54.532	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	213400	54.977	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	211825	54.172	ug/l	99
85) n-Butylbenzene	12.335	91	324044	53.517	ug/l	99
86) Hexachloroethane	12.536	117	64103	50.885	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	207631	54.584	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	28077	52.166	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	143512	59.161	ug/l	99
90) Hexachlorobutadiene	13.725	225	66323	63.236	ug/l	97
91) Naphthalene	13.774	128	426272	55.404	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	144684	59.764	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

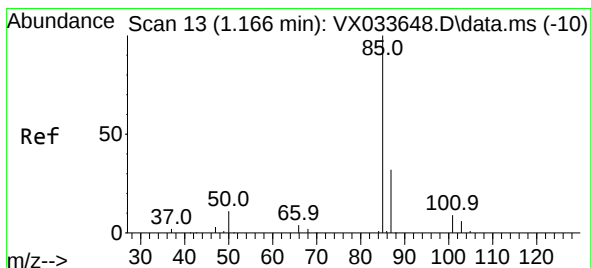
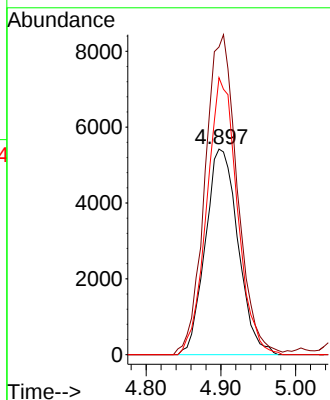
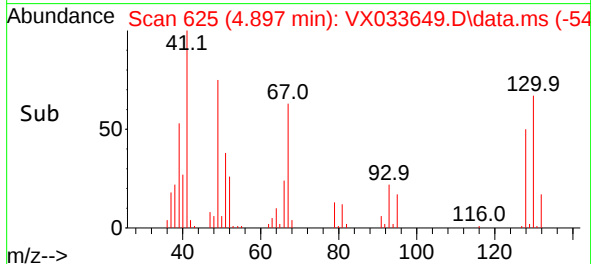
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 1648
Ion Ratio Lower Upper
128 100
49 154.1 0.0 398.5
130 126.4 0.0 329.0

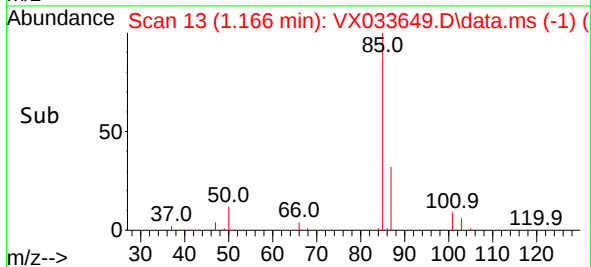
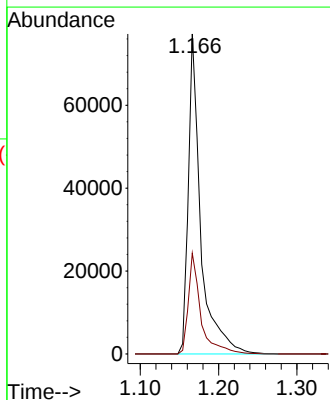
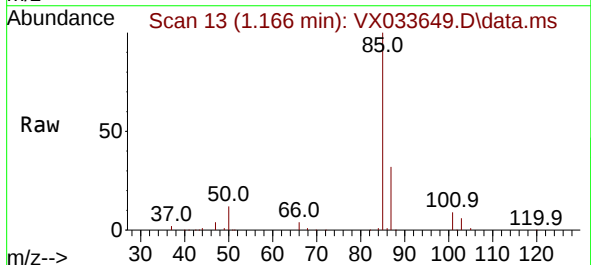
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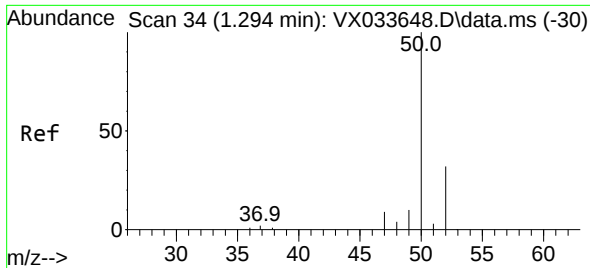
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#2
Dichlorodifluoromethane
Concen: 64.526 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 85 Resp: 84784
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0





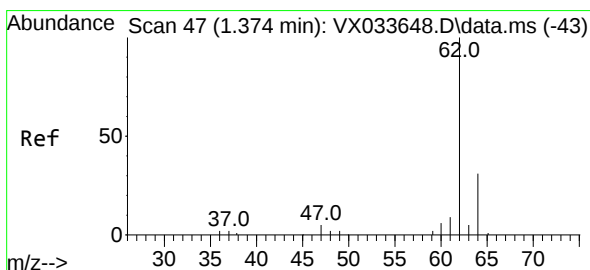
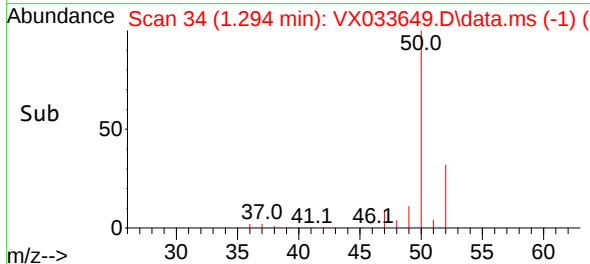
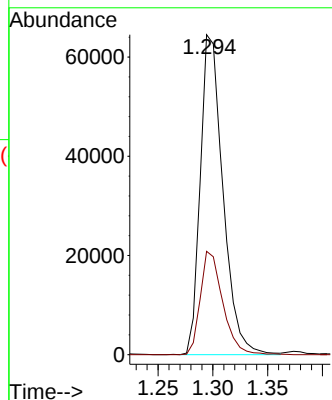
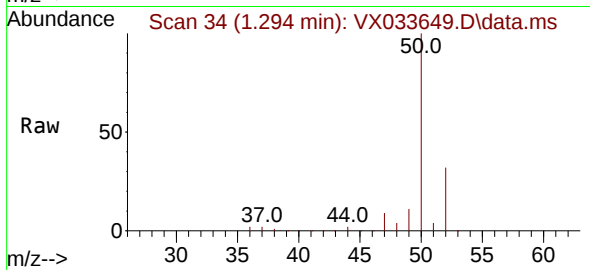
#3
Chloromethane
Concen: 68.062 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 9286
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

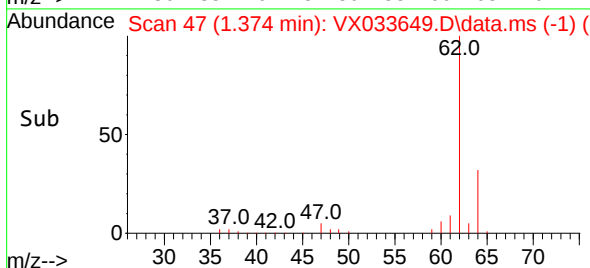
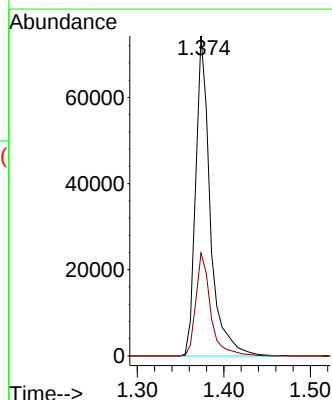
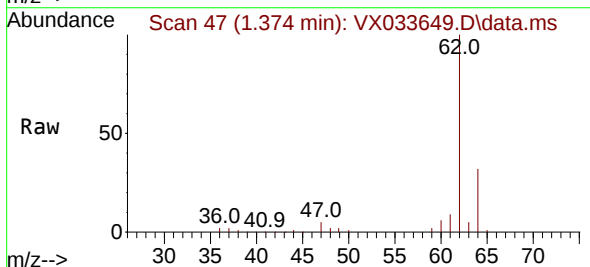
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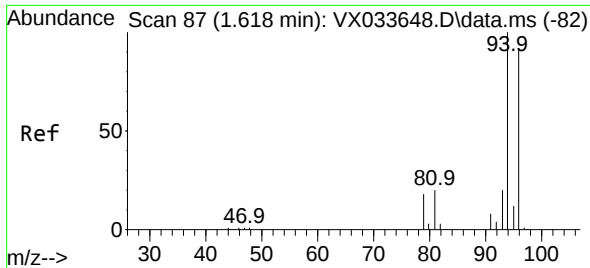
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#4
Vinyl Chloride
Concen: 58.220 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 62 Resp: 86762
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3





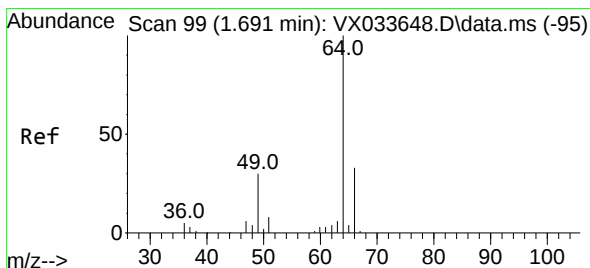
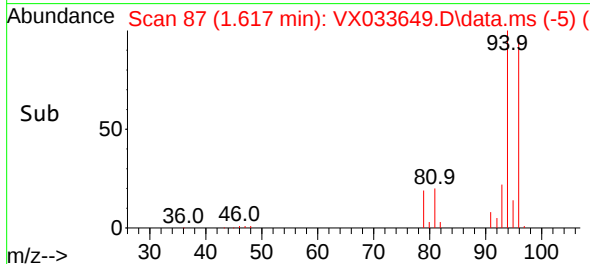
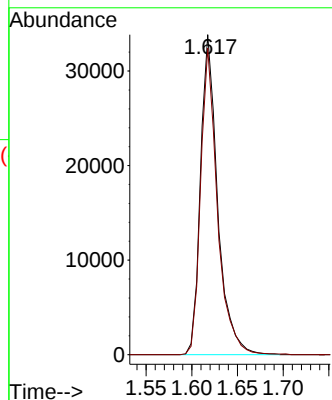
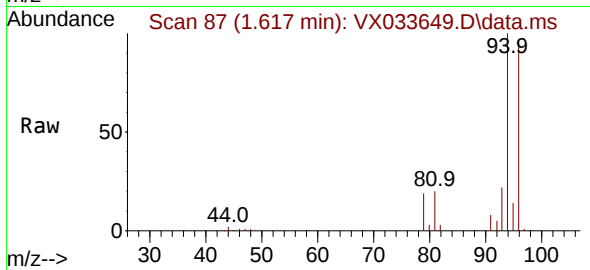
#5
Bromomethane
Concen: 42.319 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 4414
Ion Ratio Lower Upper
94 100
96 95.8 73.6 110.4

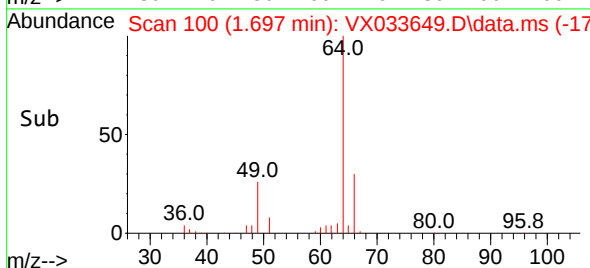
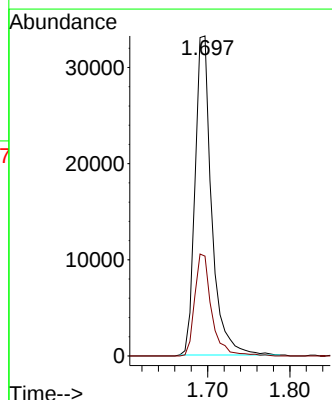
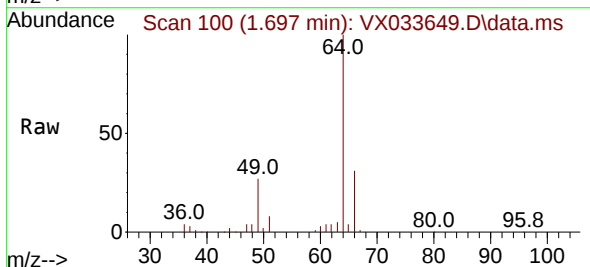
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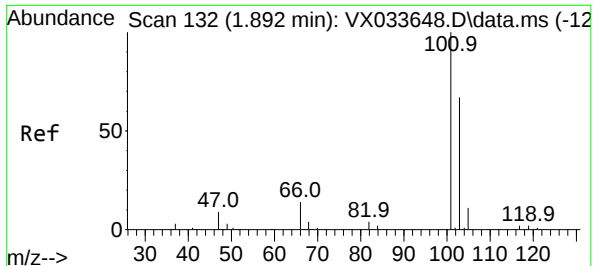
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#6
Chloroethane
Concen: 44.458 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

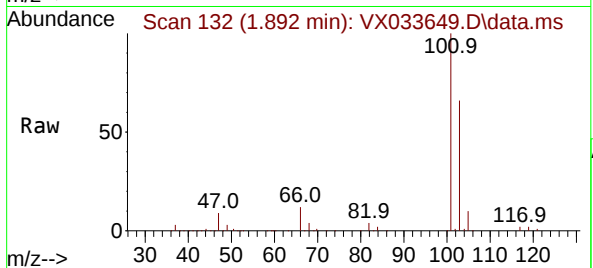
Tgt Ion: 64 Resp: 46360
Ion Ratio Lower Upper
64 100
66 31.3 26.6 40.0





#7
Trichlorofluoromethane
Concen: 44.717 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

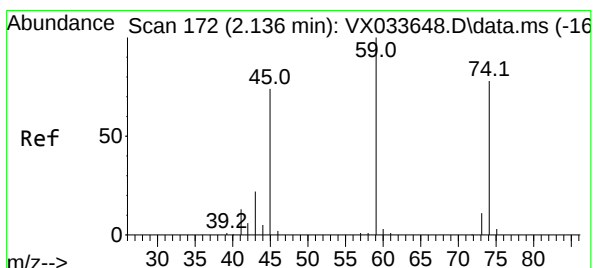
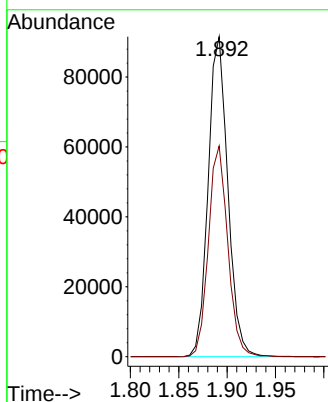
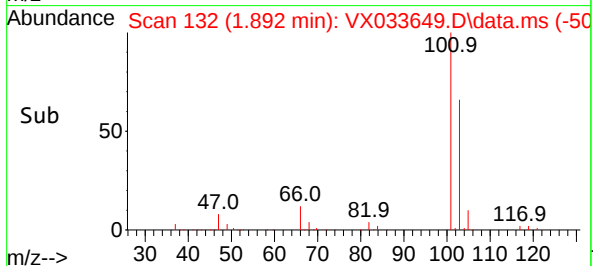
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:101 Resp: 129530
Ion Ratio Lower Upper
101 100
103 65.9 53.7 80.5

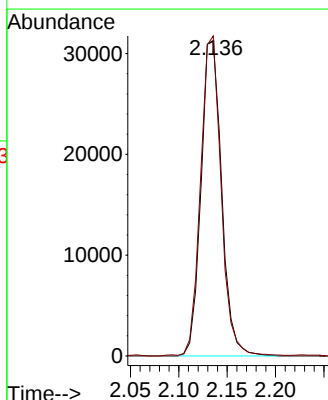
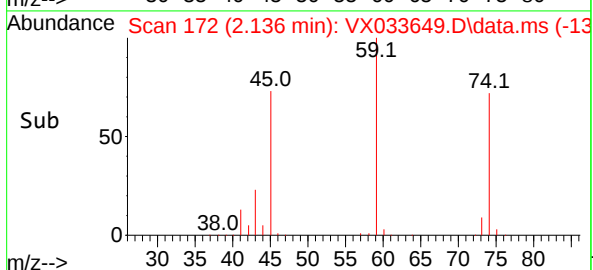
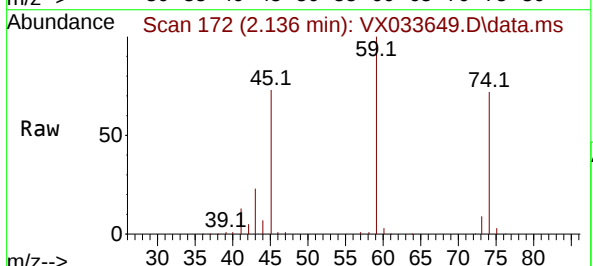
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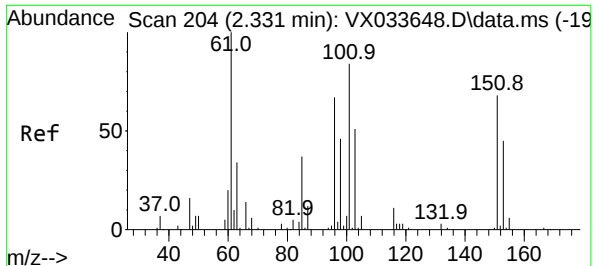
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#8
Diethyl Ether
Concen: 52.785 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 74 Resp: 46337
Ion Ratio Lower Upper
74 100
45 100.7 20.3 182.9





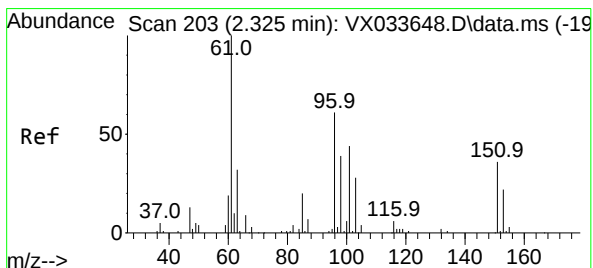
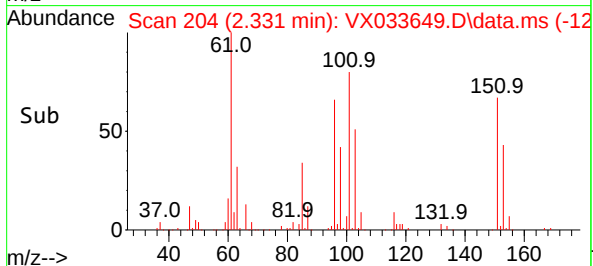
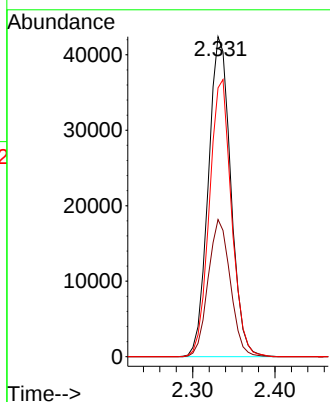
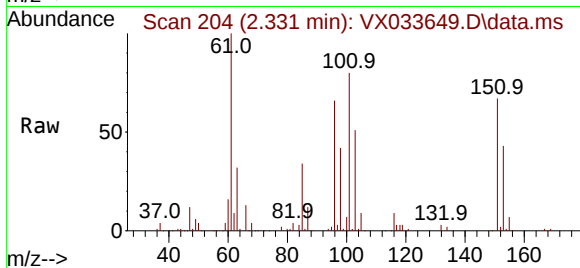
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.294 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 80500
Ion Ratio Lower Upper
101 100
85 42.3 0.0 88.8
151 85.3 0.0 167.2

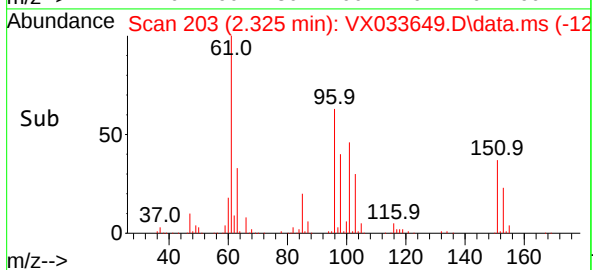
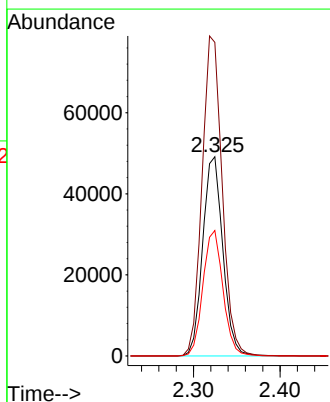
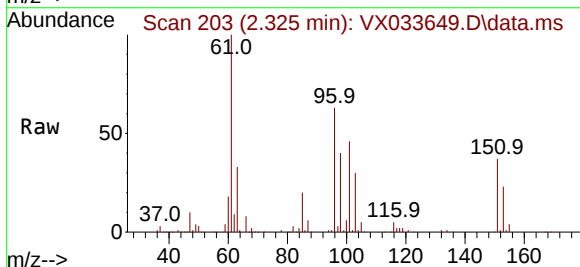
Manual Integrations
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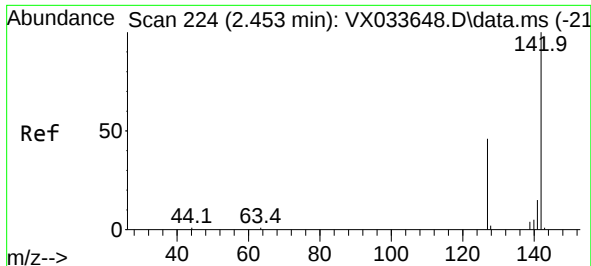
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#10
1,1-Dichloroethene
Concen: 58.796 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 96 Resp: 79371
Ion Ratio Lower Upper
96 100
61 157.5 130.6 195.8
98 63.0 50.8 76.2





#11

Methyl Iodide

Concen: 76.592 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033649.D

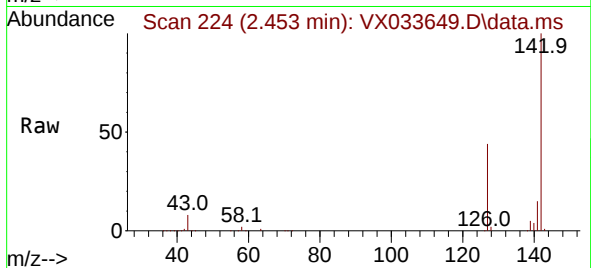
Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



Tgt Ion:142 Resp: 127748

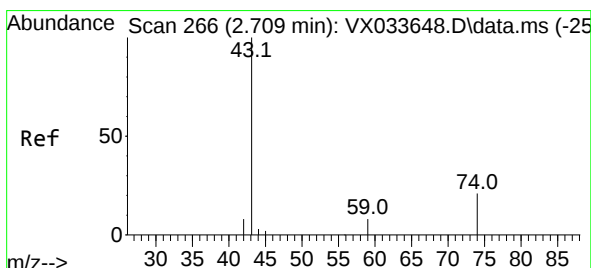
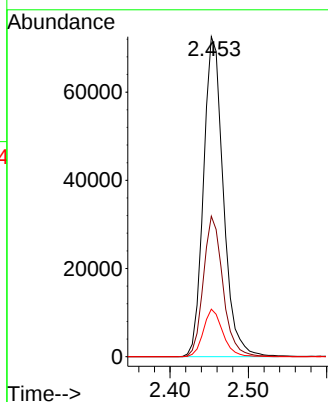
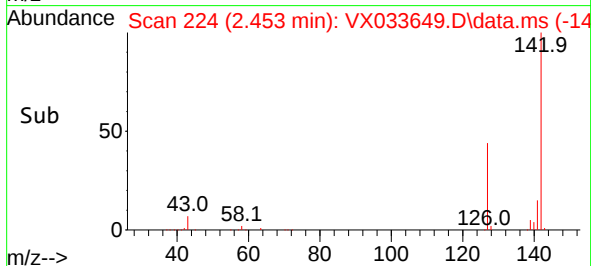
Ion	Ratio	Lower	Upper
142	100		
127	43.9	23.2	69.5
141	14.9	7.3	22.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#12

Methyl Acetate

Concen: 64.565 ug/l

RT: 2.709 min Scan# 266

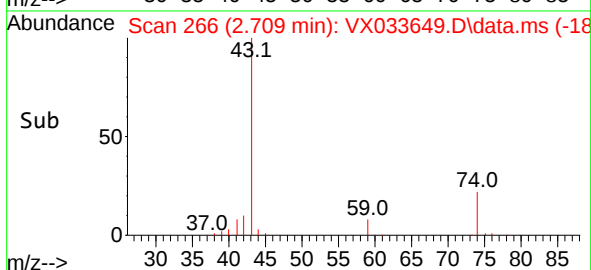
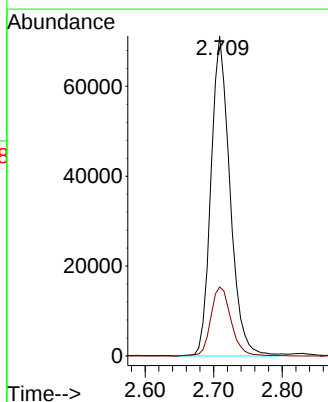
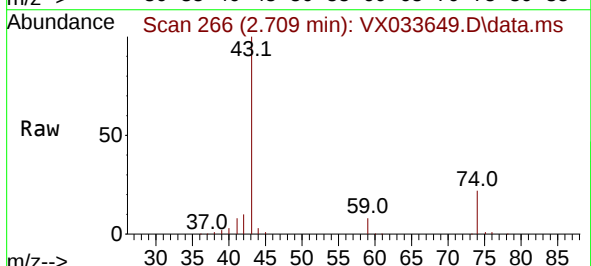
Delta R.T. -0.000 min

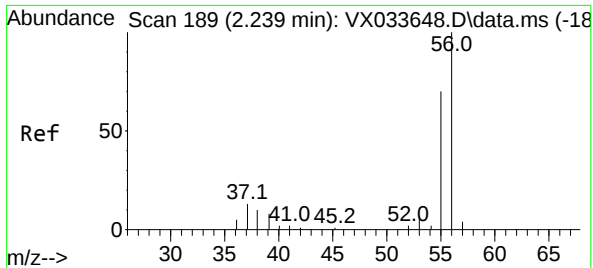
Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Tgt Ion: 43 Resp: 137093

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.0	25.6





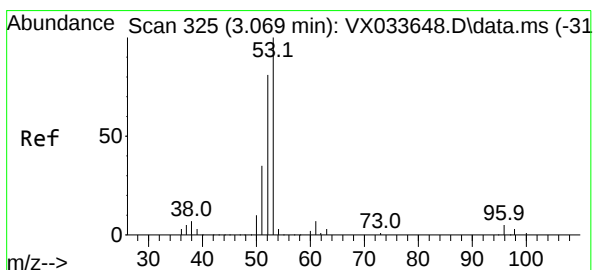
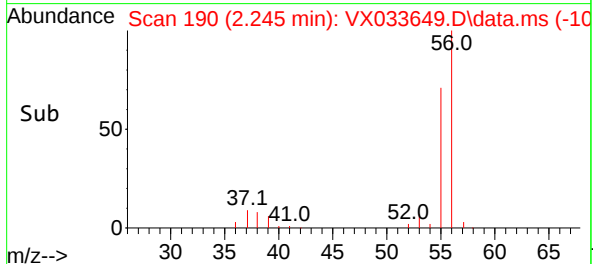
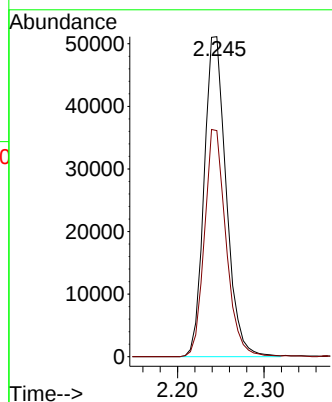
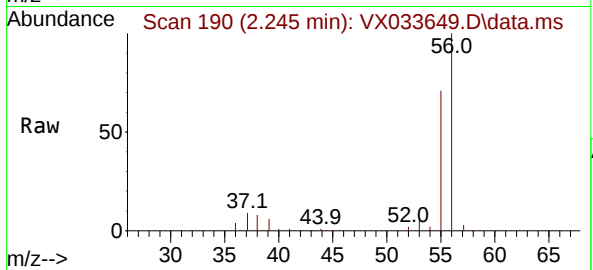
#13
Acrolein
Concen: 304.179 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 56 Resp: 90620
Ion Ratio Lower Upper
56 100
55 69.3 56.1 84.1

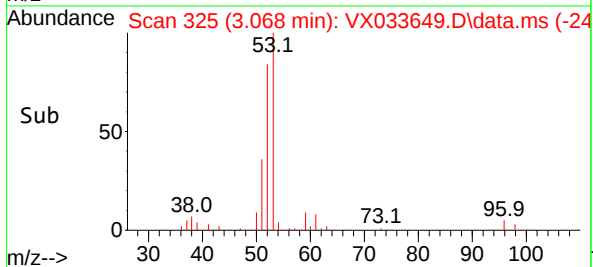
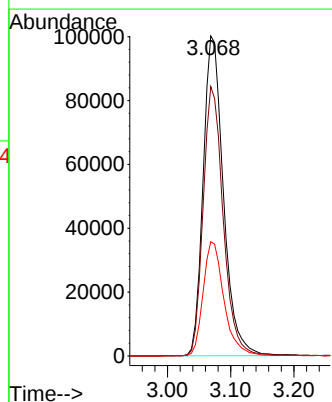
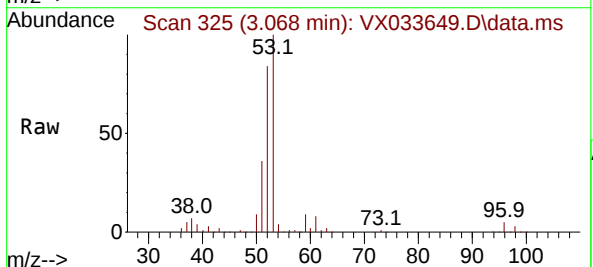
Manual Integrations
APPROVED

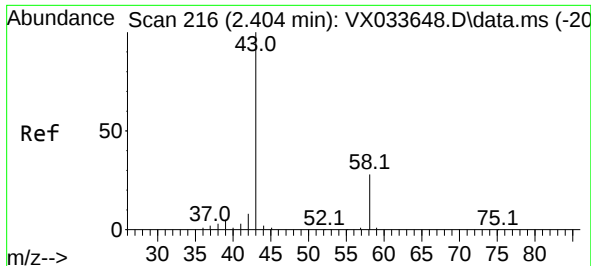
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#14
Acrylonitrile
Concen: 292.824 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 53 Resp: 223428
Ion Ratio Lower Upper
53 100
52 83.4 41.3 124.1
51 36.9 18.4 55.4





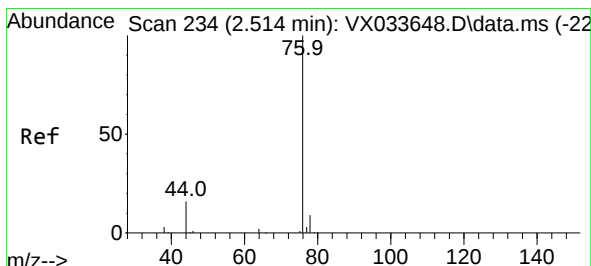
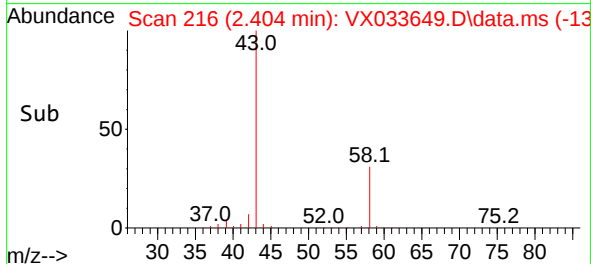
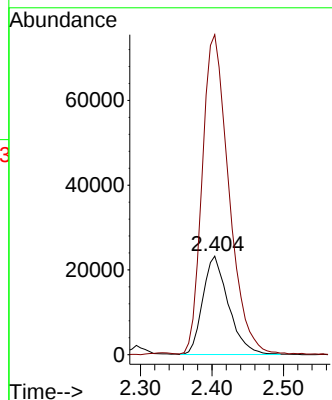
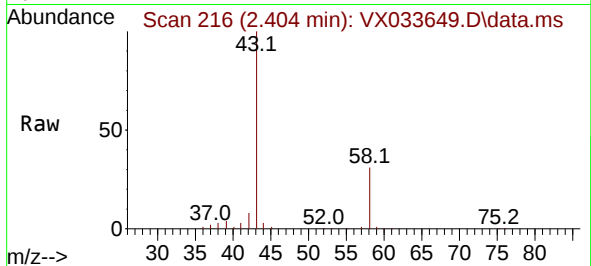
#15
Acetone
Concen: 253.128 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 58 Resp: 57694
Ion Ratio Lower Upper
58 100
43 324.6 288.3 432.5

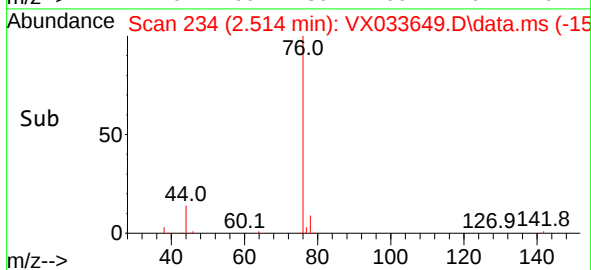
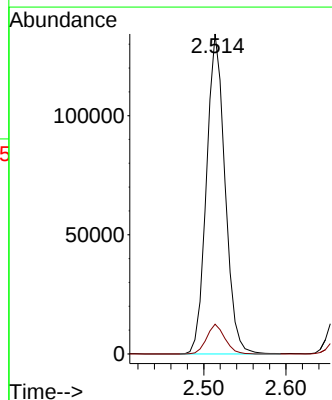
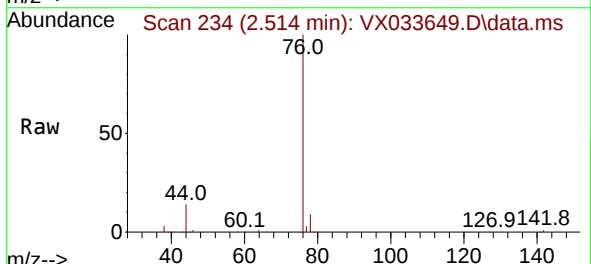
Manual Integrations
APPROVED

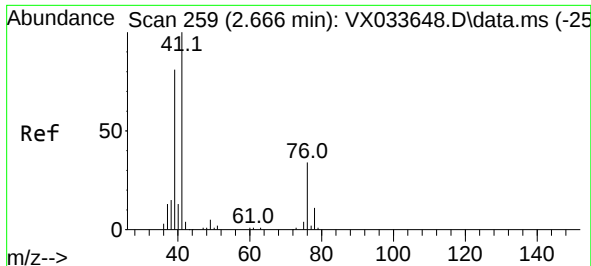
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#16
Carbon Disulfide
Concen: 57.060 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 76 Resp: 210691
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4





#17

Allyl chloride

Concen: 60.794 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

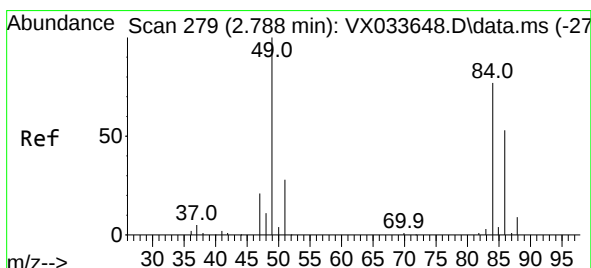
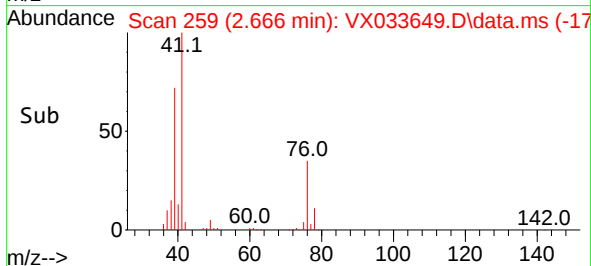
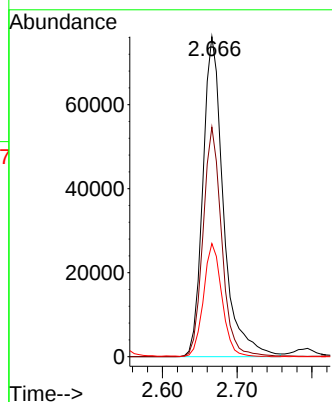
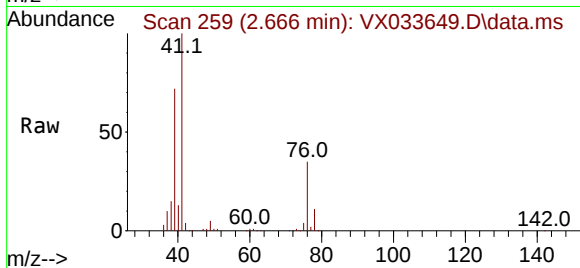
Tgt Ion:	41	Resp:	14614
Ion	Ratio	Lower	Upper
41	100		
39	71.7	40.3	120.8
76	35.4	17.0	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#18

Methylene Chloride

Concen: 53.187 ug/l

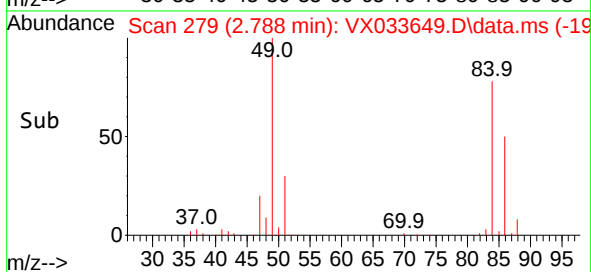
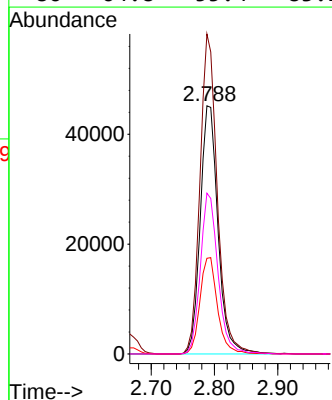
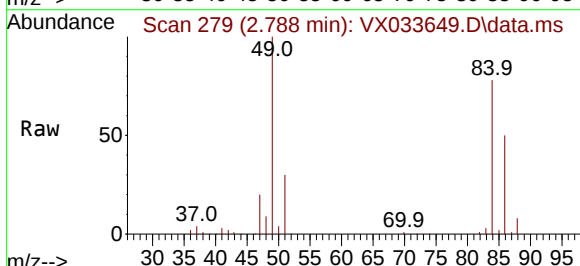
RT: 2.788 min Scan# 279

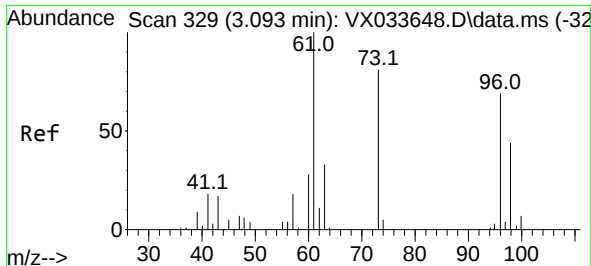
Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

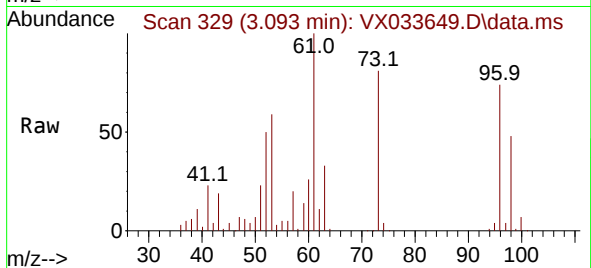
Tgt Ion:	84	Resp:	88696
Ion	Ratio	Lower	Upper
84	100		
49	128.9	104.1	156.1
51	38.6	29.2	43.8
86	64.8	55.4	83.2





#19
trans-1,2-Dichloroethene
Concen: 51.340 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

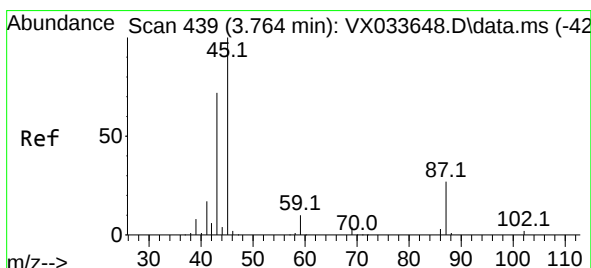
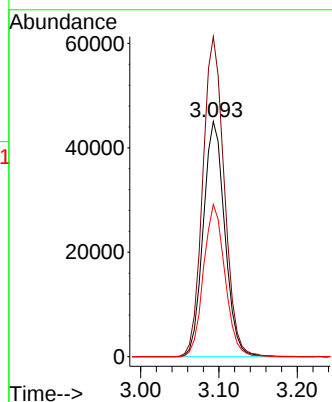
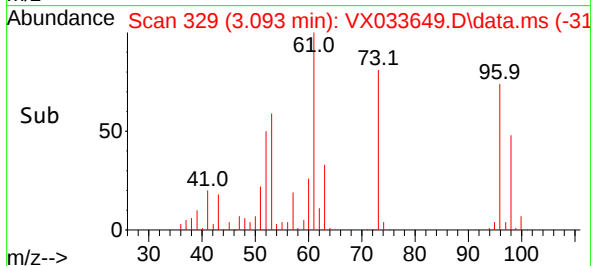
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



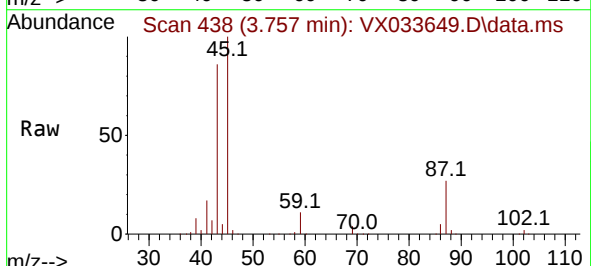
Tgt Ion: 96 Resp: 85854
Ion Ratio Lower Upper
96 100
61 135.8 117.1 175.7
98 64.7 52.0 78.0

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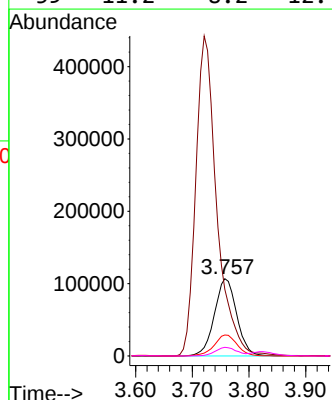
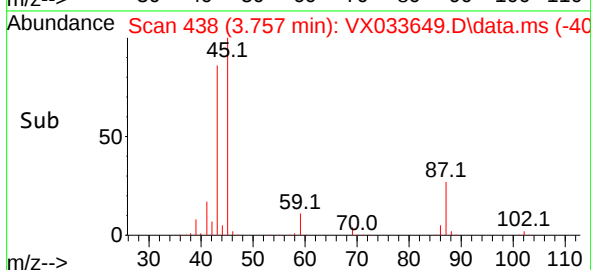
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

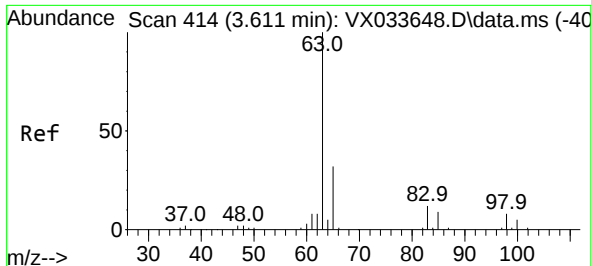


#20
Diisopropyl ether
Concen: 56.843 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50



Tgt Ion: 45 Resp: 291645
Ion Ratio Lower Upper
45 100
43 84.8 58.0 87.0
87 27.1 21.7 32.5
59 11.2 8.2 12.4





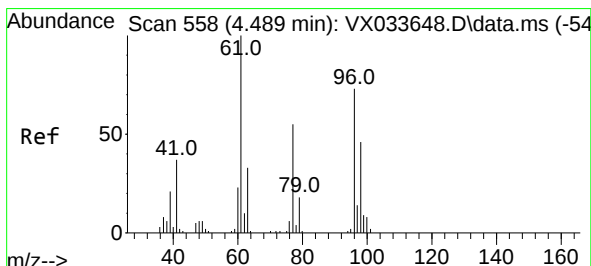
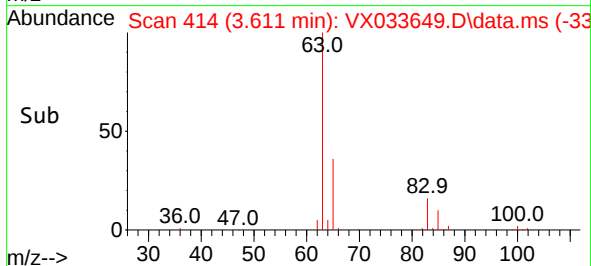
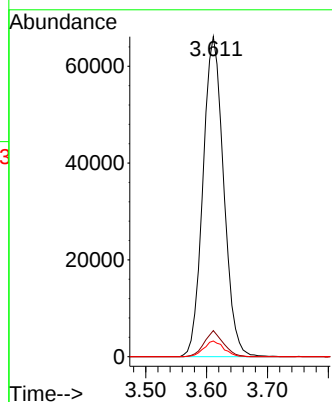
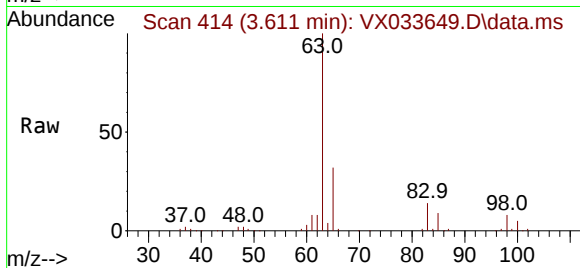
#21
1,1-Dichloroethane
Concen: 52.708 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 156162
Ion Ratio Lower Upper
63 100
98 8.2 4.0 12.2
100 4.9 2.4 7.2

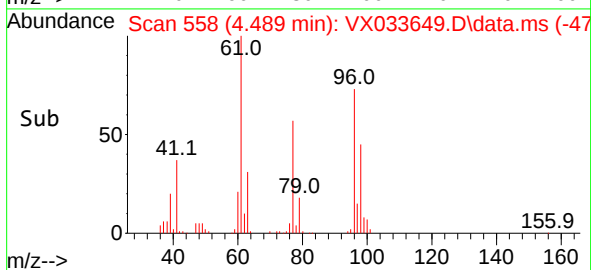
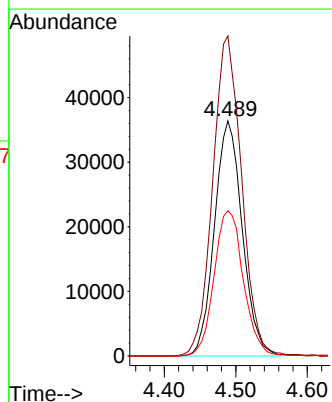
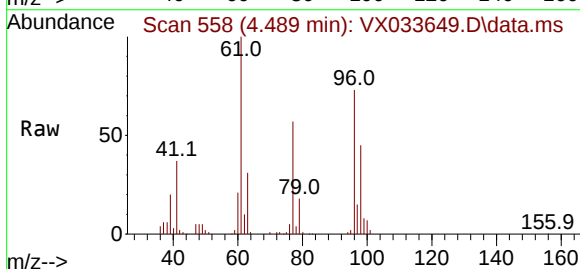
Manual Integrations
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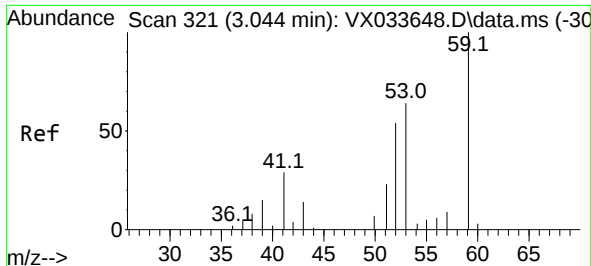
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#22
cis-1,2-Dichloroethene
Concen: 50.486 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 96 Resp: 98357
Ion Ratio Lower Upper
96 100
61 141.2 114.2 171.2
98 64.9 51.4 77.0





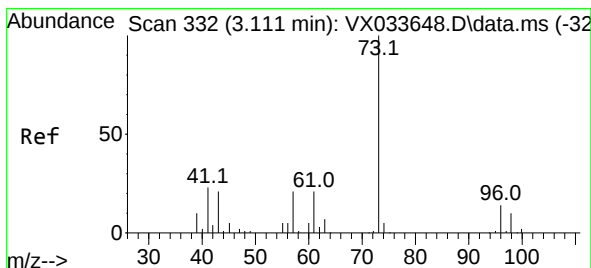
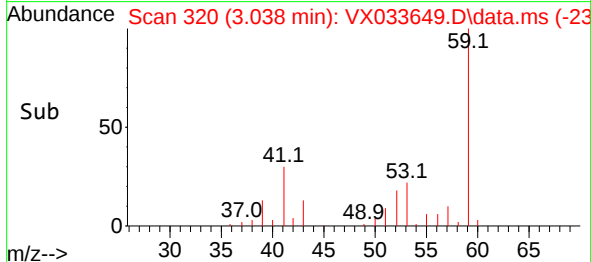
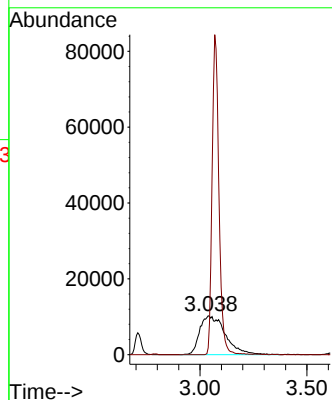
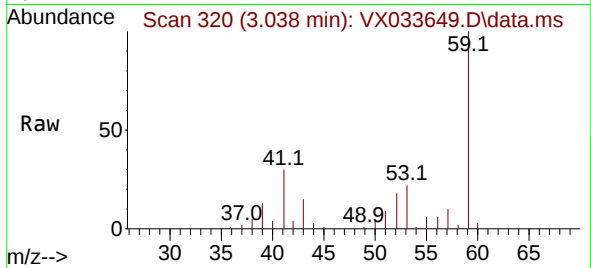
#23
tert-Butyl Alcohol
Concen: 267.881 ug/l m
RT: 3.038 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 85610
Ion Ratio Lower Upper
59 100
52 217.6 0.2 0.2

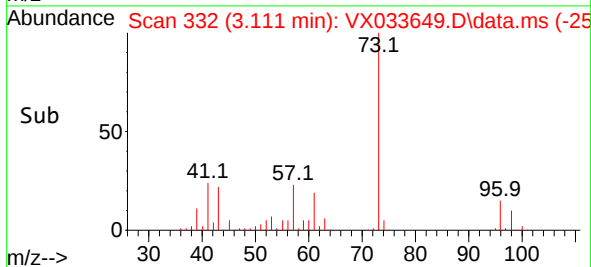
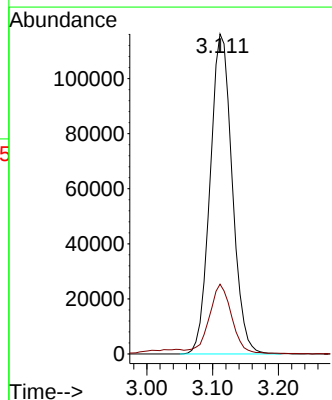
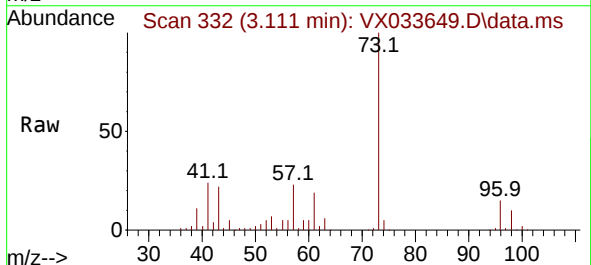
Manual Integrations
APPROVED

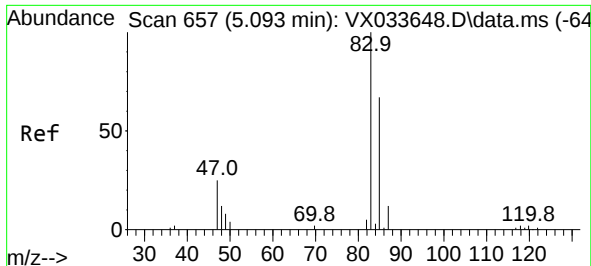
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#24
Methyl tert-Butyl Ether
Concen: 51.898 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 73 Resp: 271576
Ion Ratio Lower Upper
73 100
43 21.9 18.1 27.1





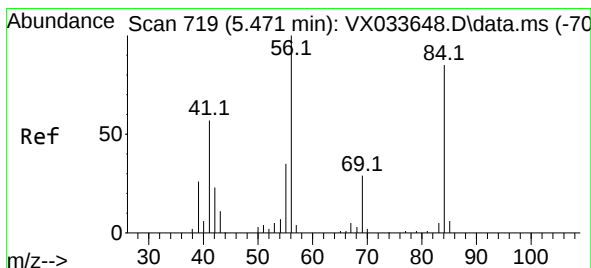
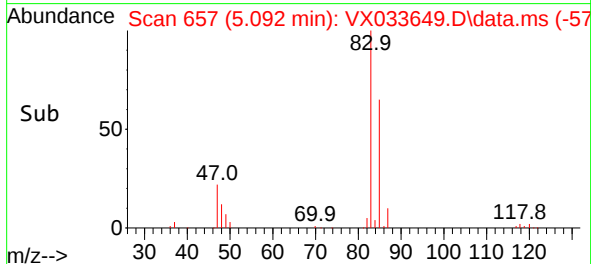
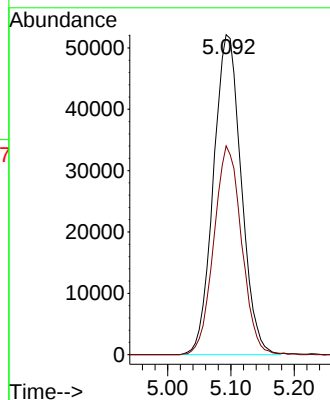
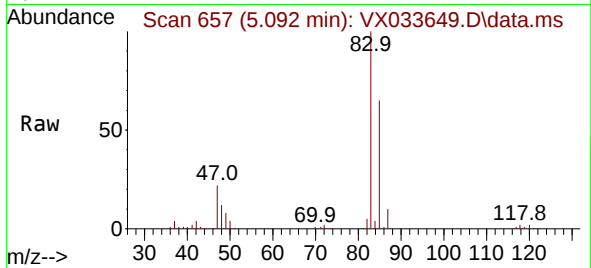
#25
Chloroform
Concen: 48.311 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 15914
Ion Ratio Lower Upper
83 100
85 65.2 53.9 80.9

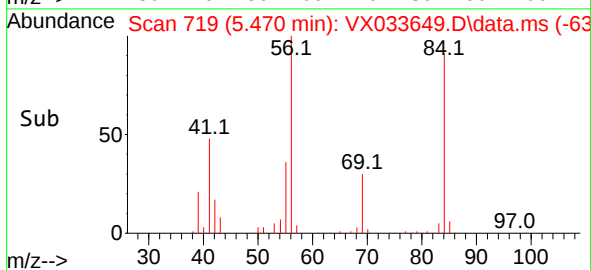
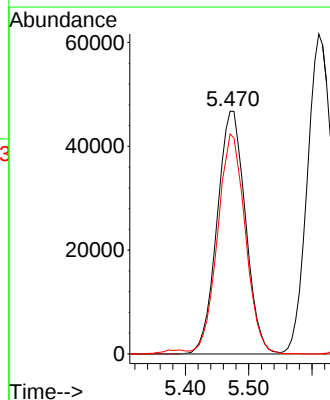
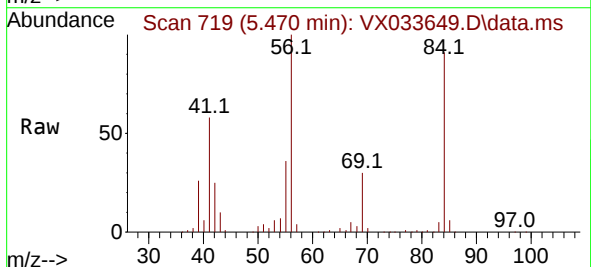
Manual Integrations
APPROVED

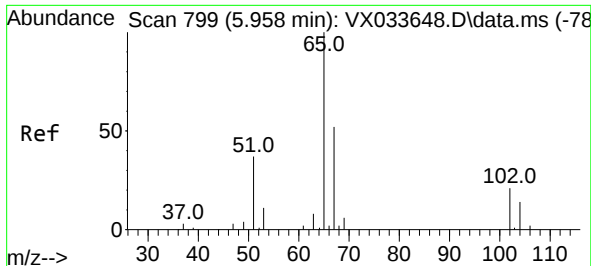
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#26
Cyclohexane
Concen: 55.365 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 56 Resp: 145548
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.8 70.8 106.2





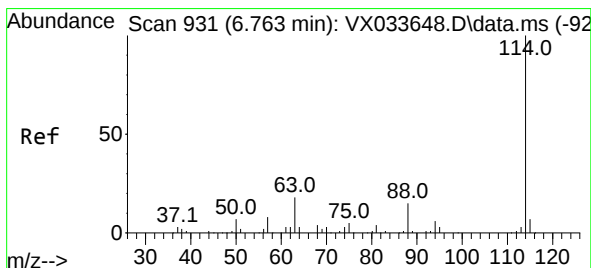
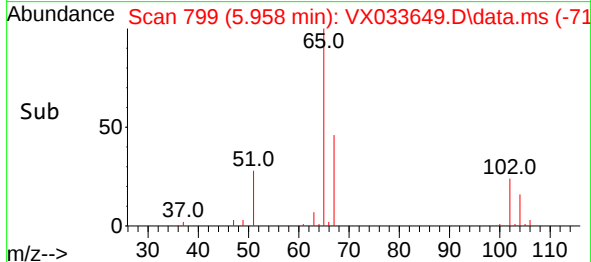
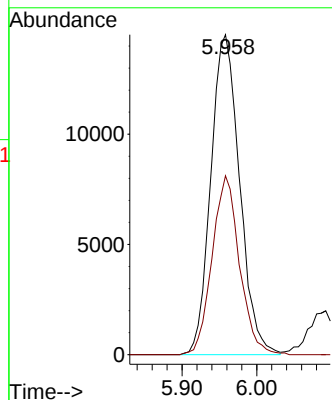
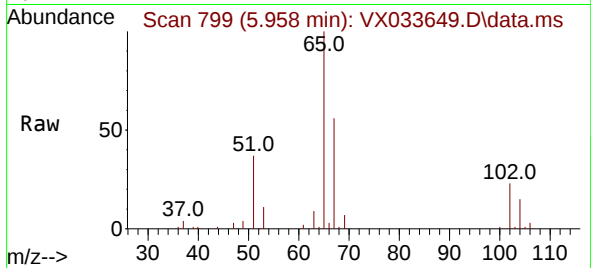
#27
1,2-Dichloroethane-d4
Concen: 27.012 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 3890
Ion Ratio Lower Upper
65 100
67 53.1 40.4 60.6

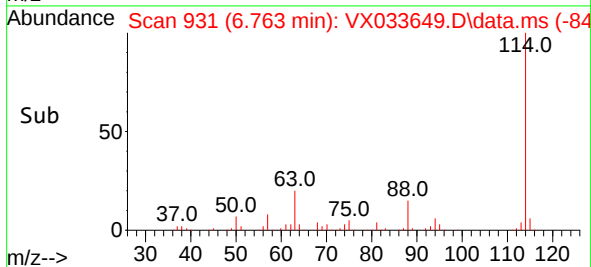
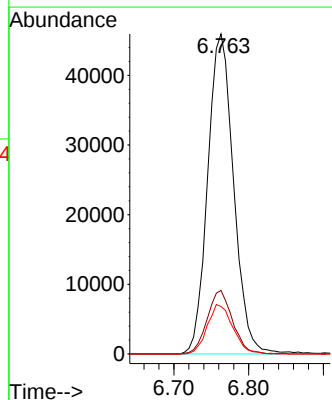
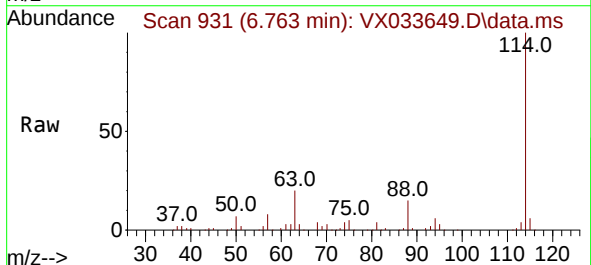
Manual Integrations
APPROVED

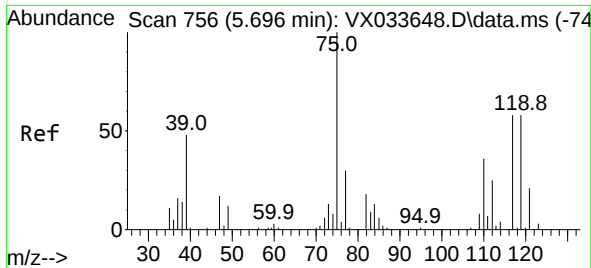
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion:114 Resp: 110544
Ion Ratio Lower Upper
114 100
63 19.4 15.5 23.3
88 15.3 12.4 18.6





#29
1,1-Dichloropropene
Concen: 52.844 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

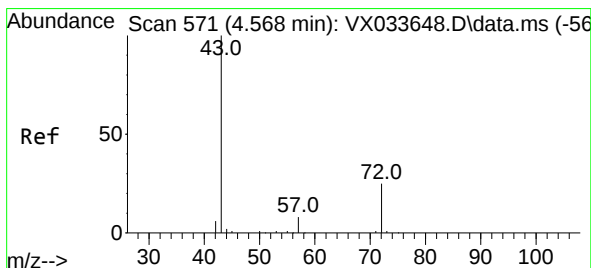
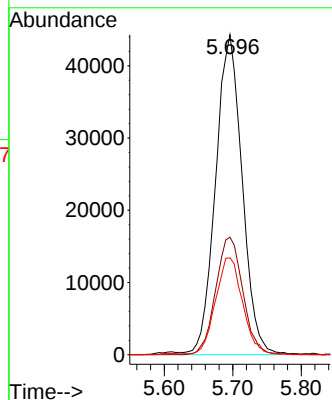
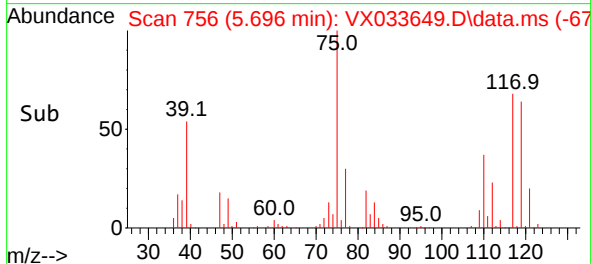
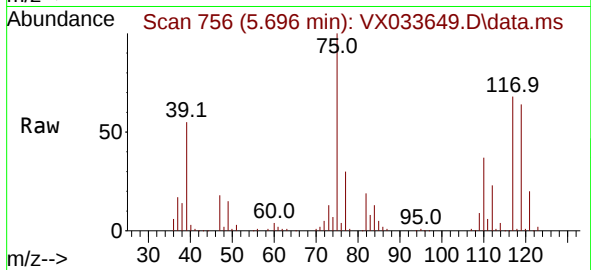
VSTDICC050

Tgt Ion: 75 Resp: 119180
Ion Ratio Lower Upper
75 100
110 37.5 0.0 71.4
77 31.1 0.0 61.0

Manual Integrations

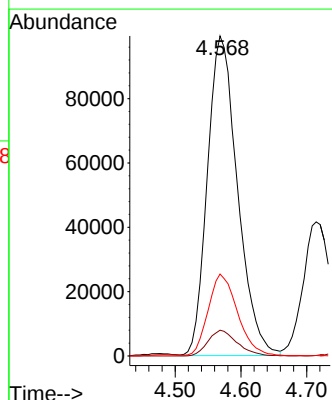
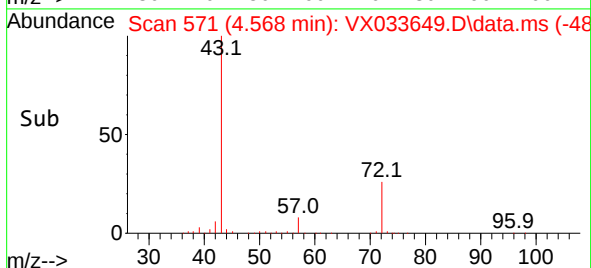
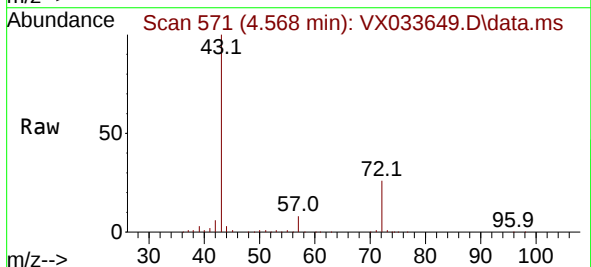
APPROVED

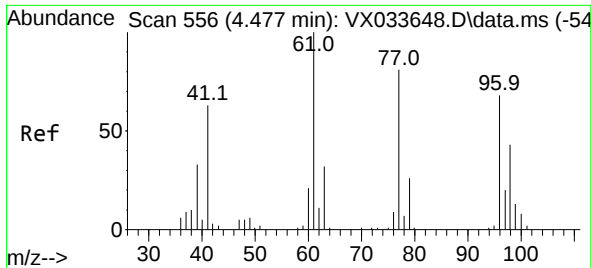
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#30
2-Butanone
Concen: 296.259 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 43 Resp: 316768
Ion Ratio Lower Upper
43 100
57 7.8 3.4 5.2#
72 25.0 19.8 29.6





#31

2,2-Dichloropropane

Concen: 45.542 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 77 Resp: 10348

Ion Ratio Lower Upper

77 100

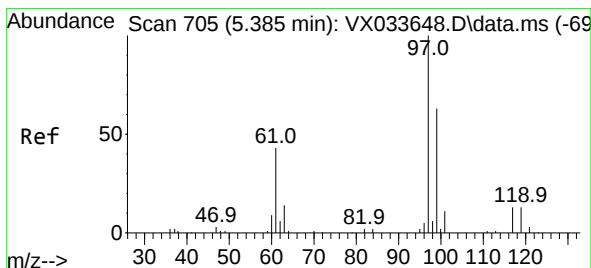
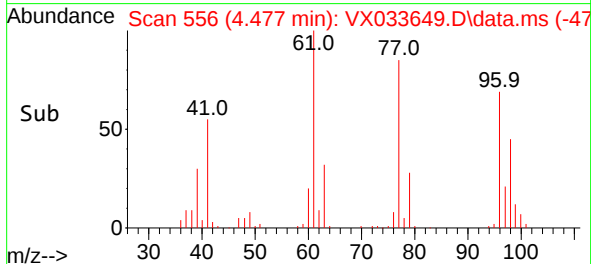
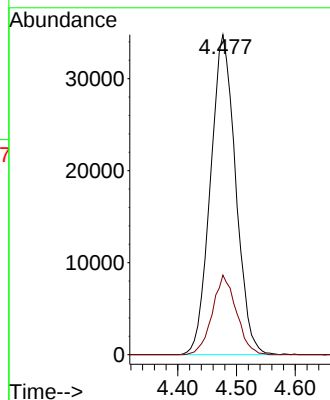
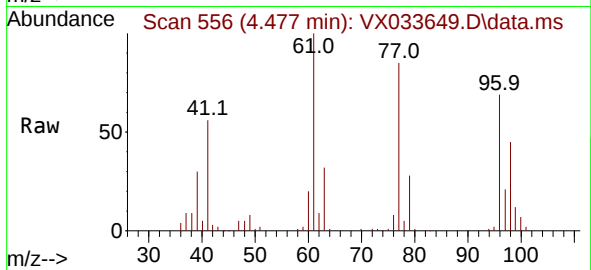
97 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#32

1,1,1-Trichloroethane

Concen: 49.285 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

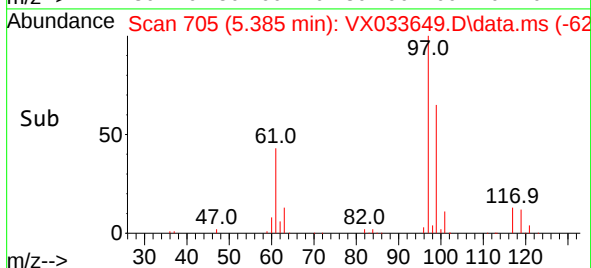
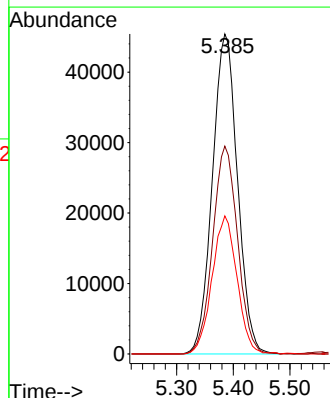
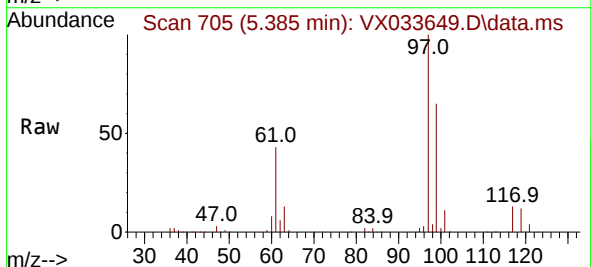
Tgt Ion: 97 Resp: 139804

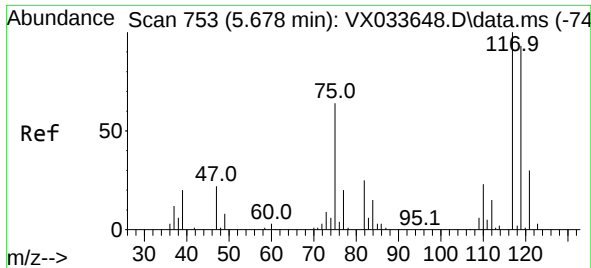
Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

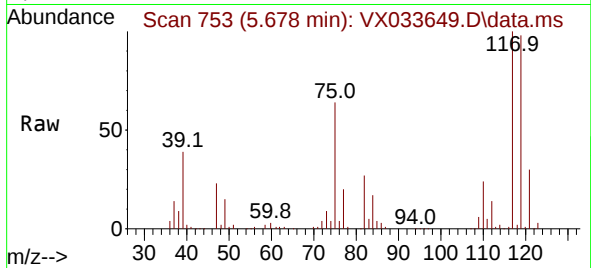
61 42.6 35.4 53.2





#33
Carbon Tetrachloride
Concen: 48.471 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

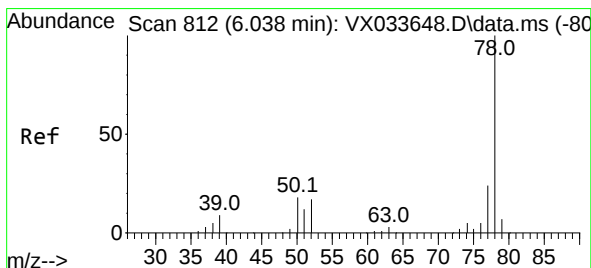
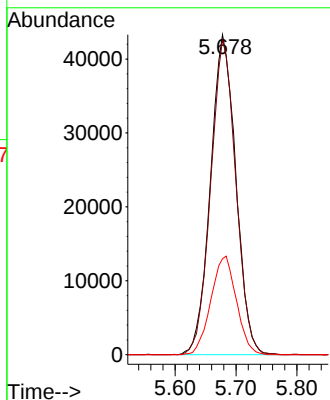
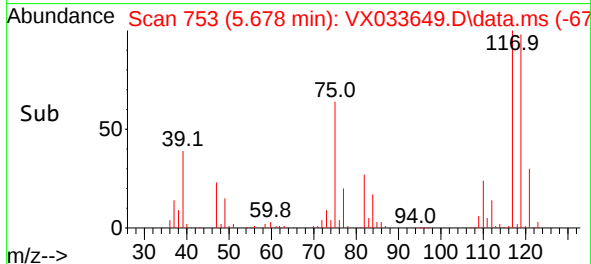
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 125297
Ion Ratio Lower Upper
117 100
119 98.4 74.8 112.2
121 30.0 23.8 35.8

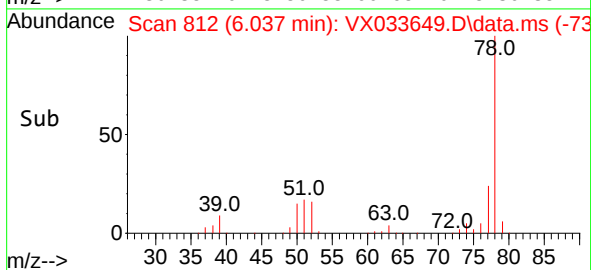
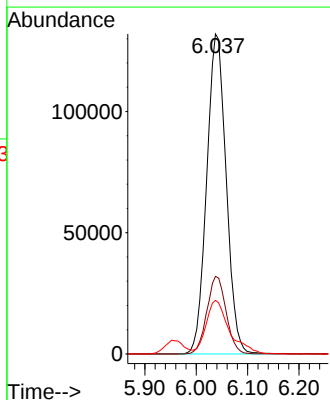
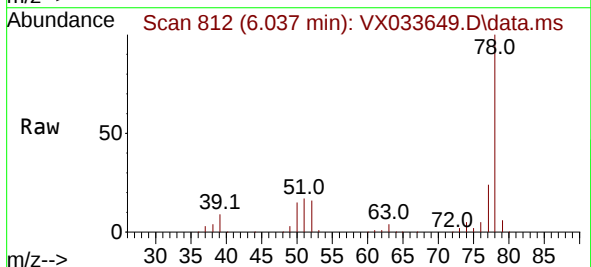
Manual Integrations
APPROVED

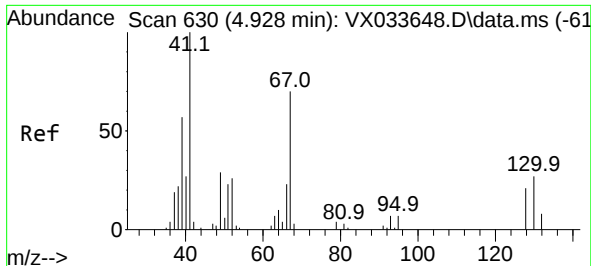
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#34
Benzene
Concen: 53.765 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

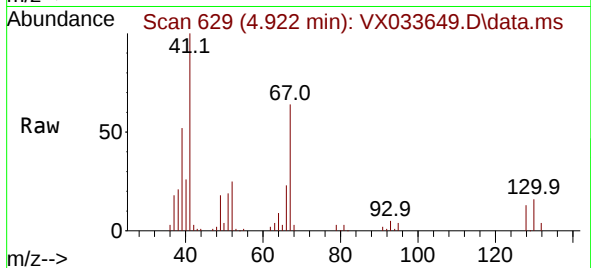
Tgt Ion: 78 Resp: 347328
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3
51 16.7 13.0 19.6





#35
Methacrylonitrile
Concen: 62.698 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

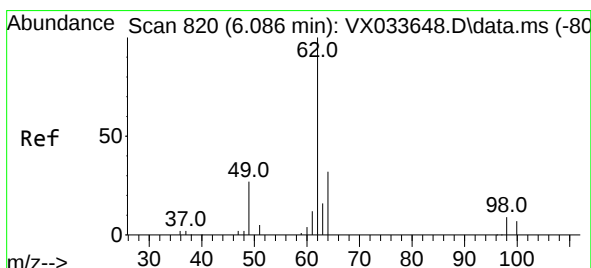
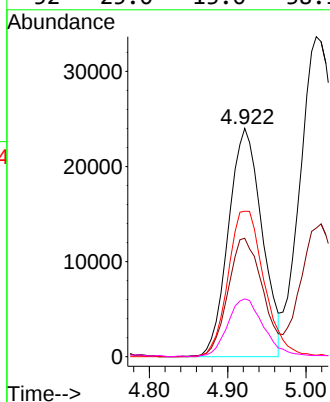
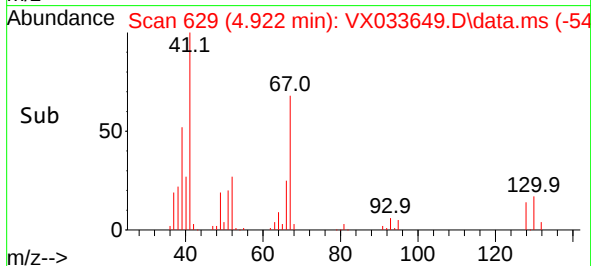
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:	41	Resp:	71519
Ion	Ratio	Lower	Upper
41	100		
39	51.9	28.6	85.9
67	63.7	34.8	104.3
52	25.0	13.0	38.9

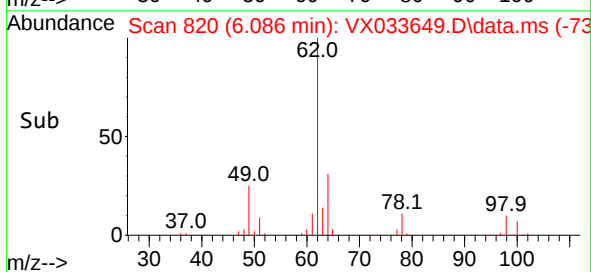
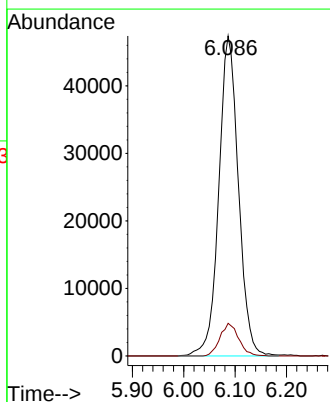
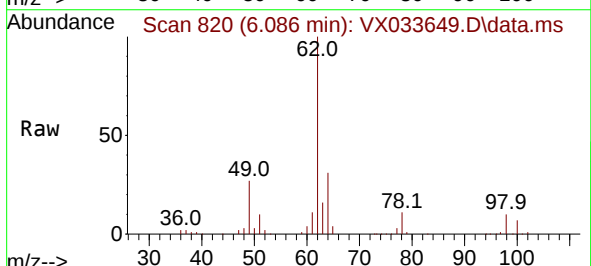
Manual Integrations
APPROVED

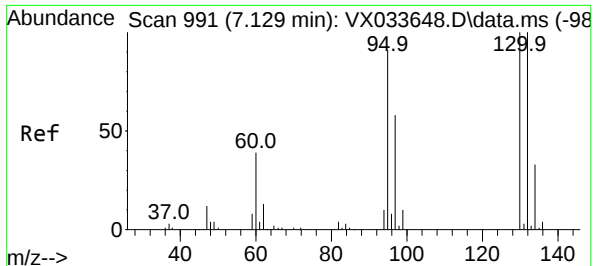
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#36
1,2-Dichloroethane
Concen: 51.248 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion:	62	Resp:	125682
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.4	11.0





#37

Trichloroethene

Concen: 53.918 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 98978

Ion Ratio Lower Upper

130 100

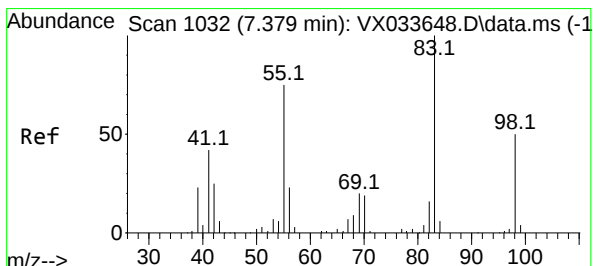
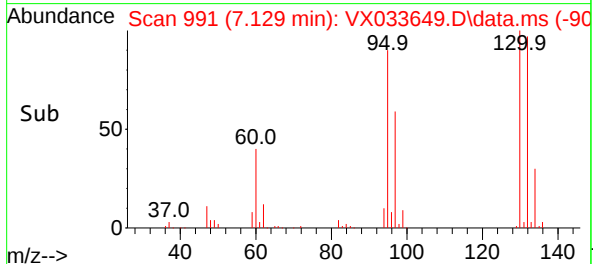
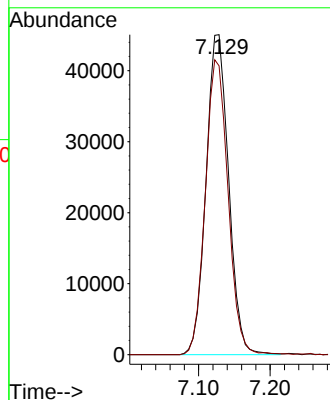
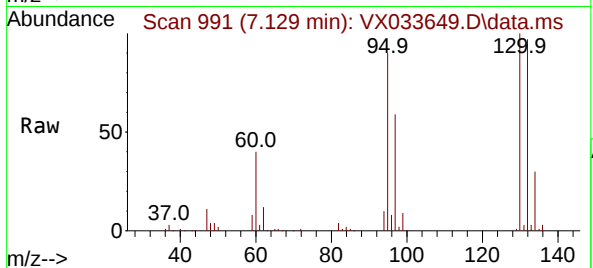
95 90.2 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#38

Methylcyclohexane

Concen: 55.389 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

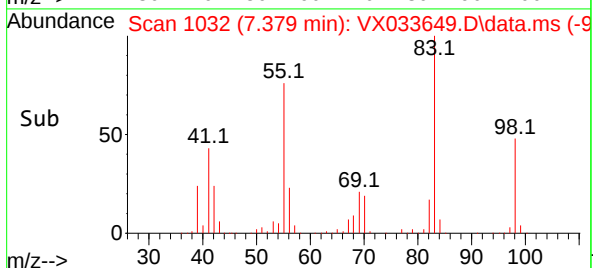
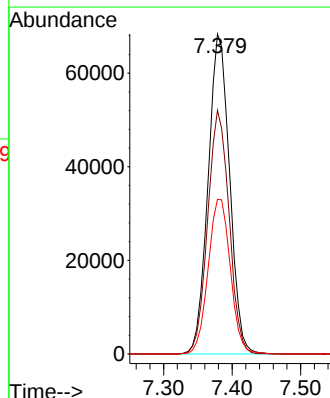
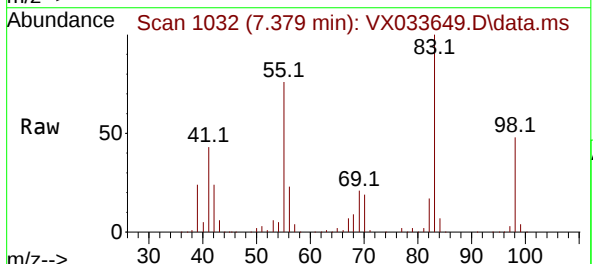
Tgt Ion: 83 Resp: 148917

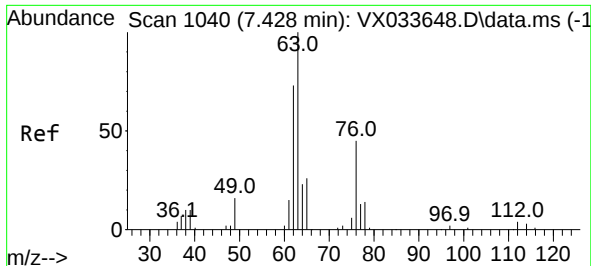
Ion Ratio Lower Upper

83 100

55 75.7 38.6 115.7

98 50.1 25.3 75.8





#39

1,2-Dichloropropane

Concen: 54.592 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 88790

Ion Ratio Lower Upper

63 100

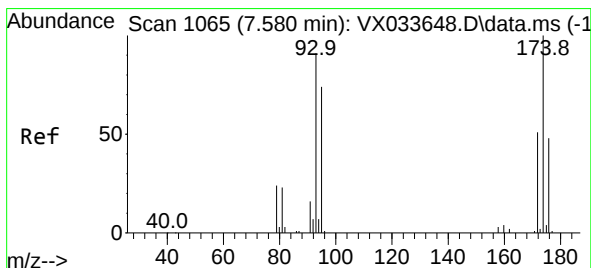
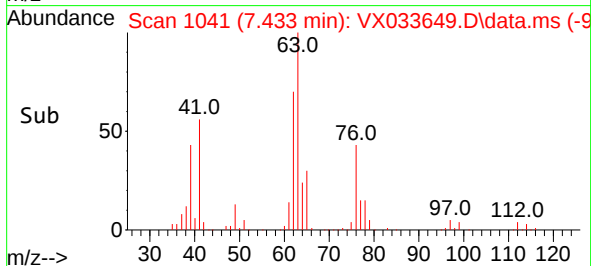
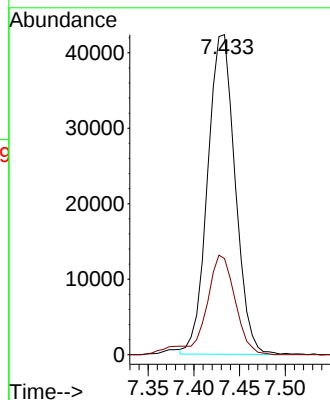
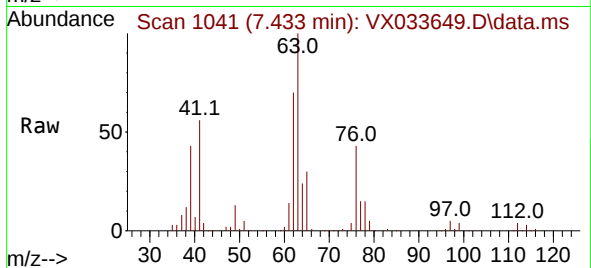
65 30.1 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#40

Dibromomethane

Concen: 51.140 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

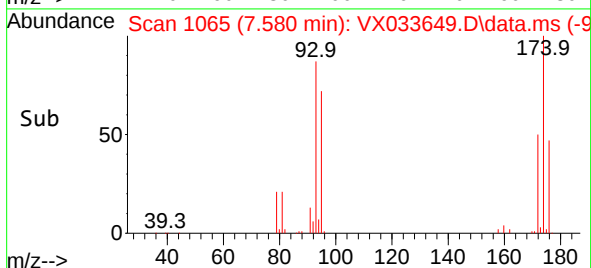
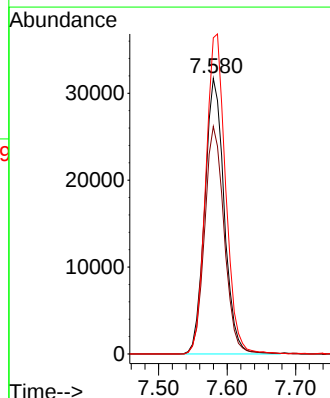
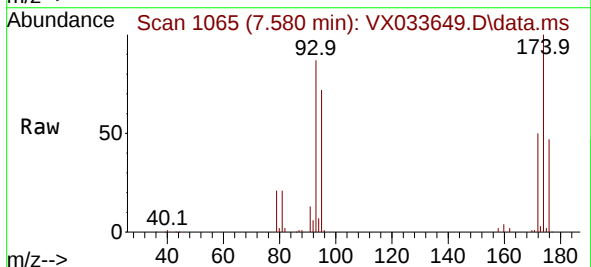
Tgt Ion: 93 Resp: 62538

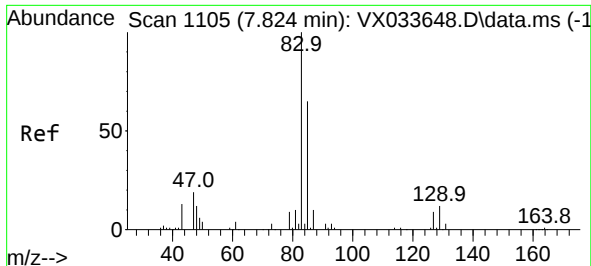
Ion Ratio Lower Upper

93 100

95 83.1 0.0 166.4

174 118.6 0.0 233.8





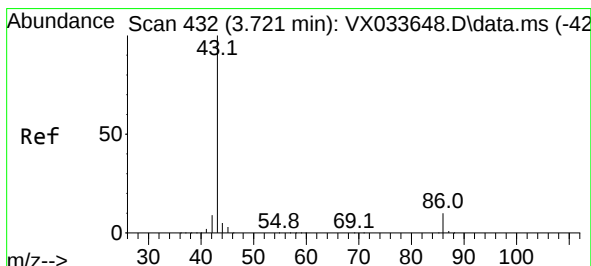
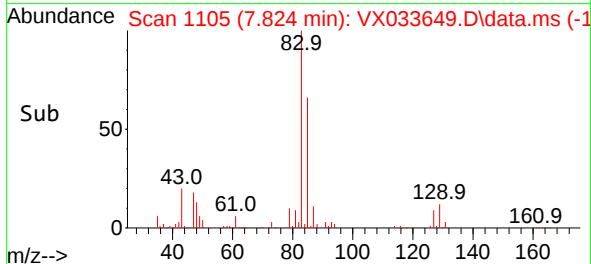
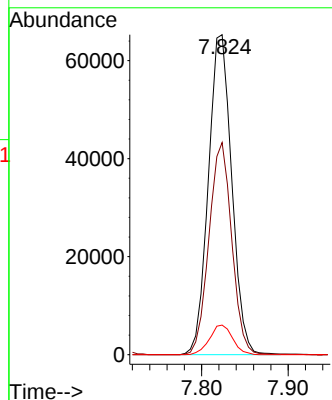
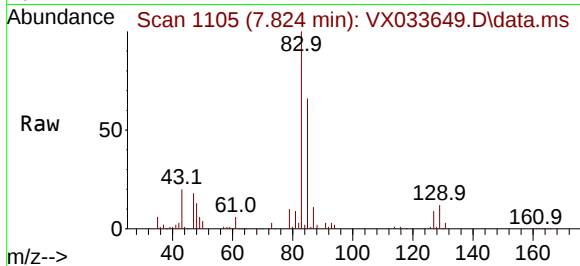
#41
Bromodichloromethane
Concen: 49.747 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 12253
Ion Ratio Lower Upper
83 100
85 66.3 52.0 78.0
127 9.3 7.4 11.0

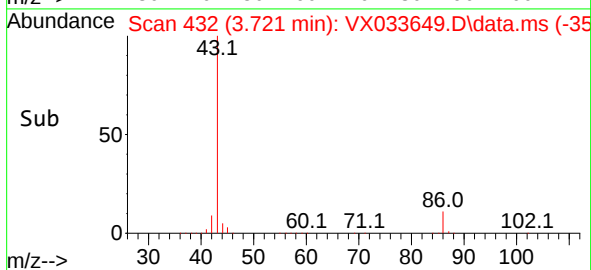
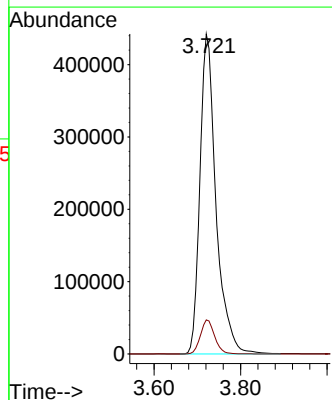
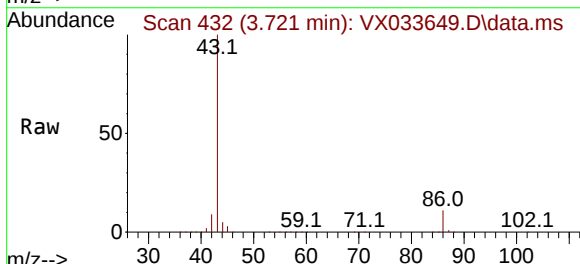
Manual Integrations
APPROVED

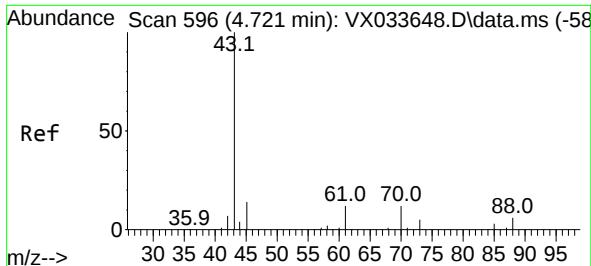
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#42
Vinyl Acetate
Concen: 302.125 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 43 Resp: 1140423
Ion Ratio Lower Upper
43 100
86 9.4 7.2 10.8





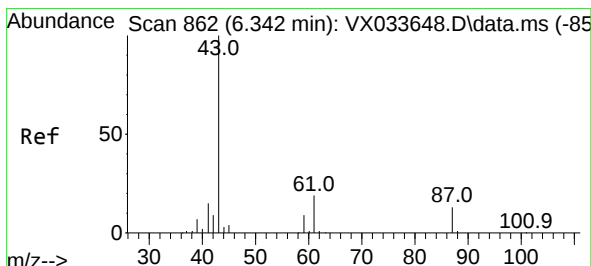
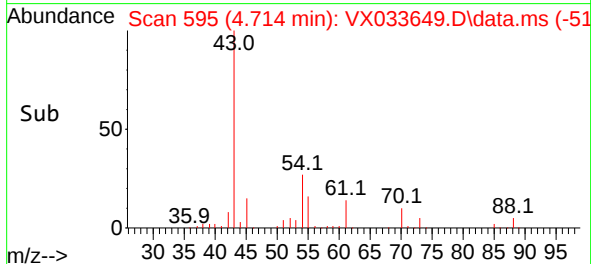
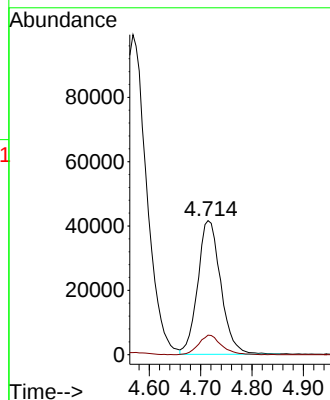
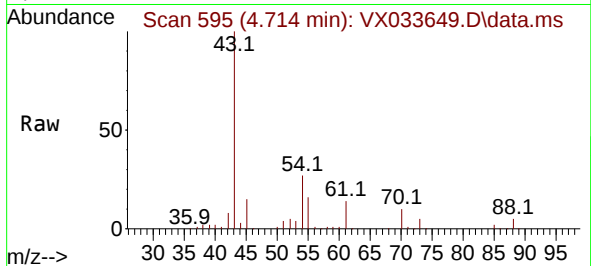
#43
Ethyl Acetate
Concen: 63.728 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 12930
Ion Ratio Lower Upper
43 100
45 14.5 11.2 16.8

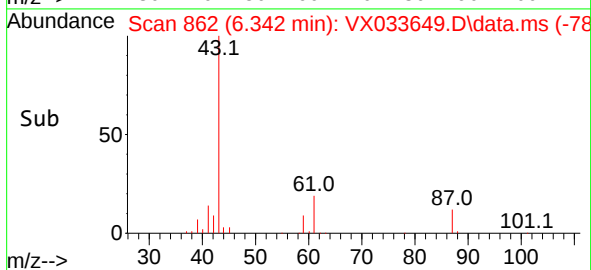
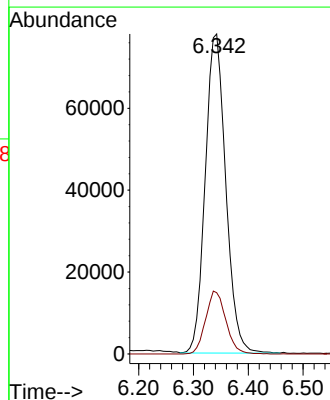
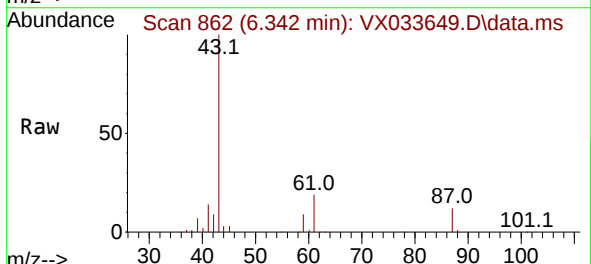
Manual Integrations
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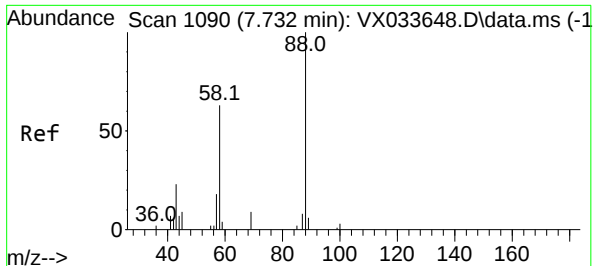
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#44
Isopropyl Acetate
Concen: 61.053 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

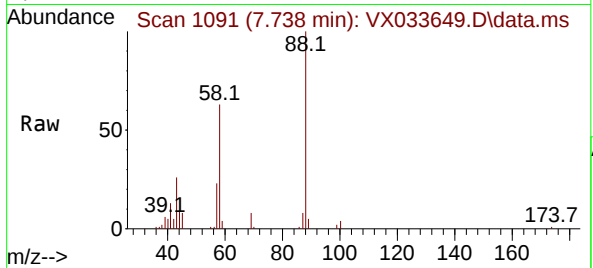
Tgt Ion: 43 Resp: 202382
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.2





#45
1,4-Dioxane
Concen: 1129.199 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

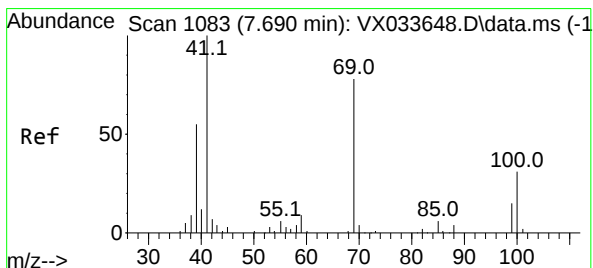
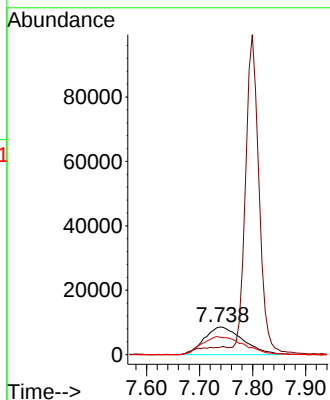
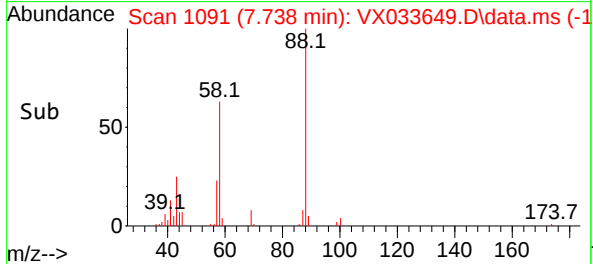
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 88 Resp: 43198
Ion Ratio Lower Upper
88 100
43 14.0 1.2 1.8
58 71.6 8.5 12.7

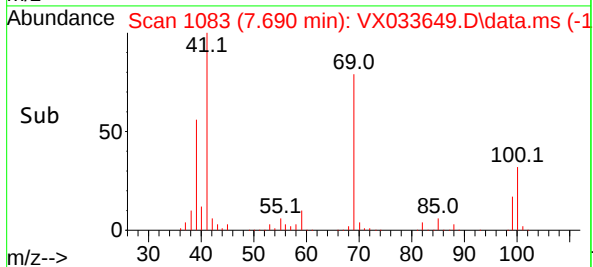
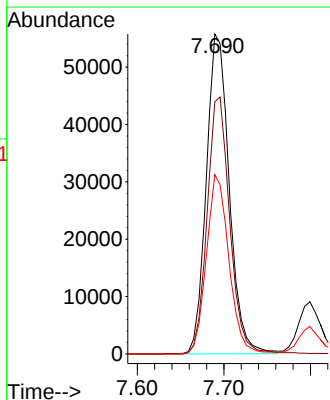
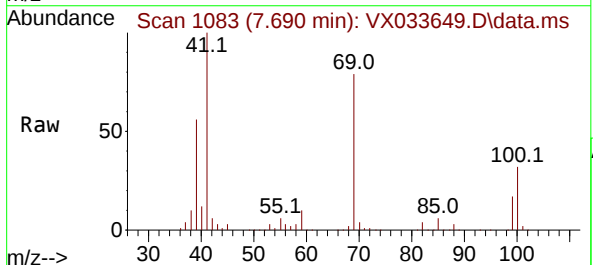
Manual Integrations
APPROVED

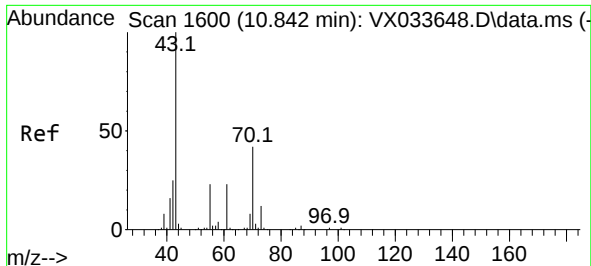
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#46
Methyl methacrylate
Concen: 61.487 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

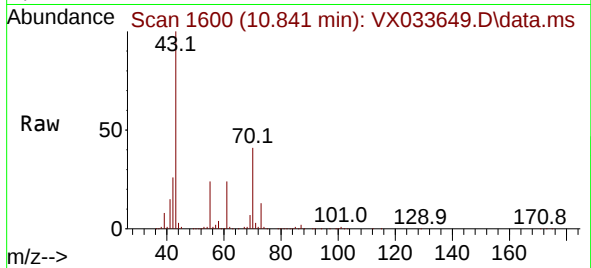
Tgt Ion: 41 Resp: 102647
Ion Ratio Lower Upper
41 100
69 78.9 39.1 117.3
39 56.1 27.7 83.0





#47
n-amyl acetate
Concen: 63.716 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

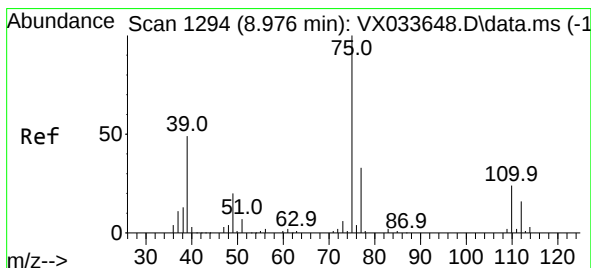
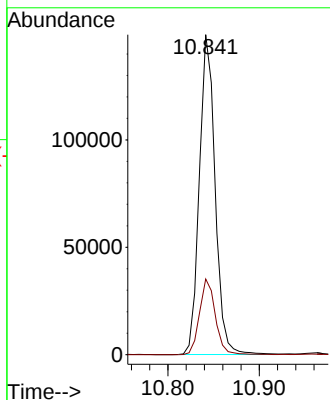
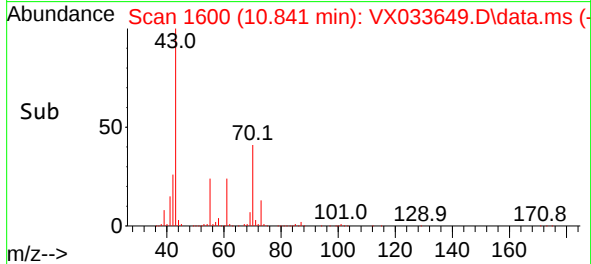
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 17852
Ion Ratio Lower Upper
43 100
55 23.7 19.3 28.9

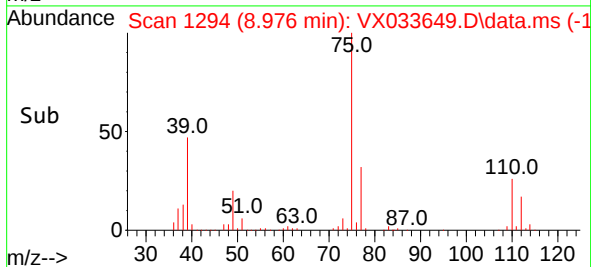
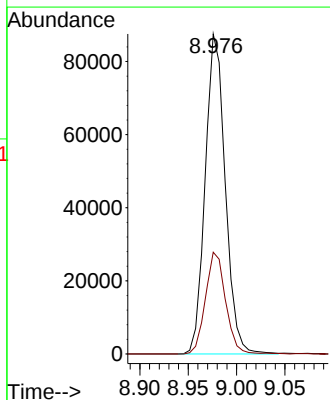
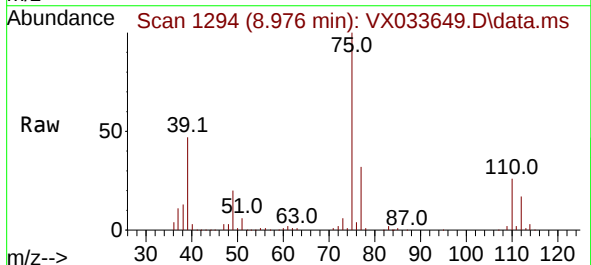
Manual Integrations
APPROVED

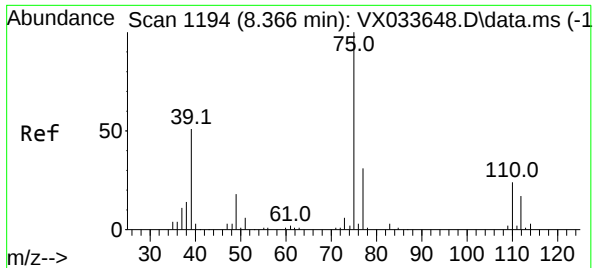
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#48
t-1,3-Dichloropropene
Concen: 51.216 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 75 Resp: 126444
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 52.683 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 14086

Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

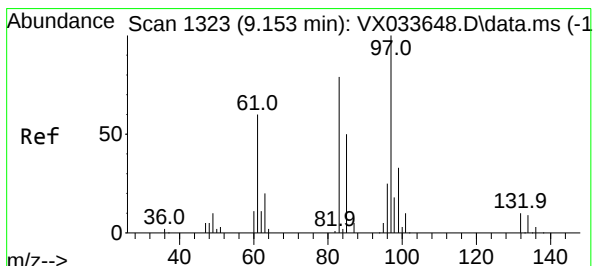
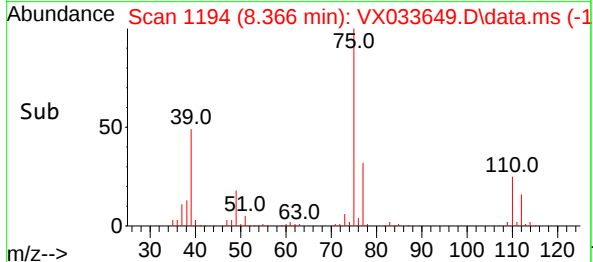
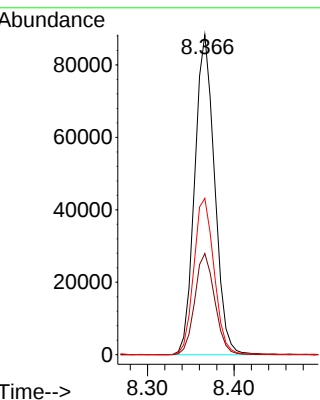
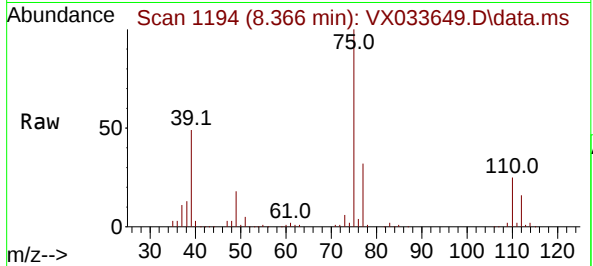
39 48.9 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#50

1,1,2-Trichloroethane

Concen: 52.853 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Tgt Ion: 97 Resp: 89678

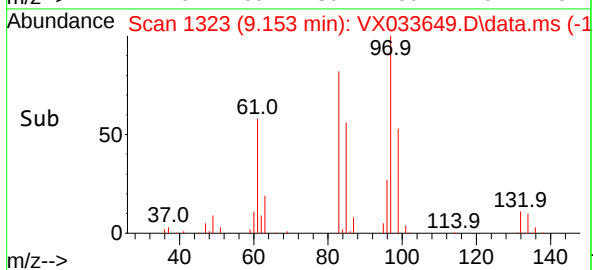
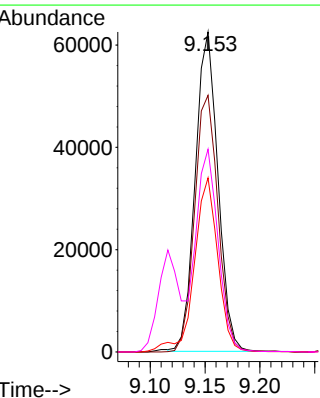
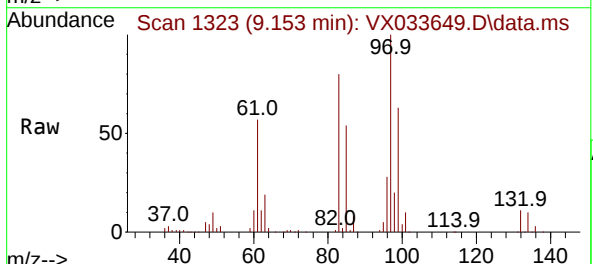
Ion Ratio Lower Upper

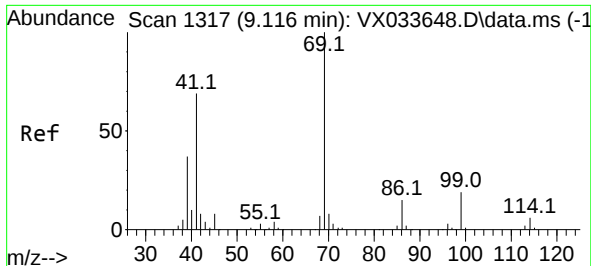
97 100

83 80.3 63.0 94.4

85 54.4 42.8 64.2

99 63.4 49.8 74.8





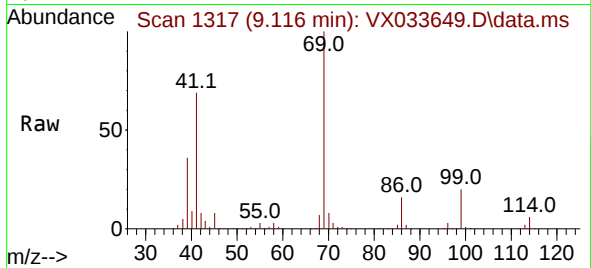
#51
Ethyl methacrylate
Concen: 56.776 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



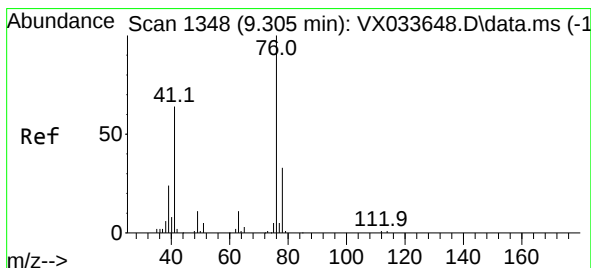
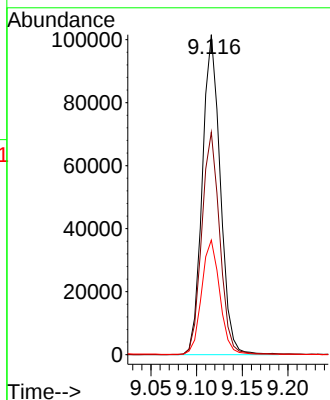
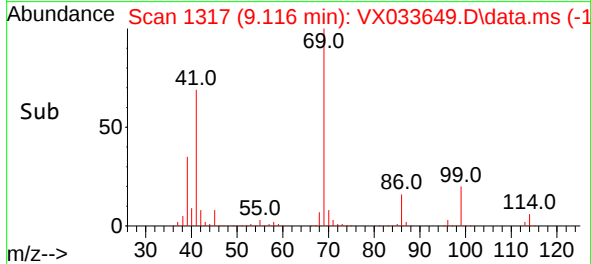
Tgt Ion: 69 Resp: 139529
Ion Ratio Lower Upper
69 100
41 69.4 34.3 102.9
39 35.7 18.3 54.9

Manual Integrations

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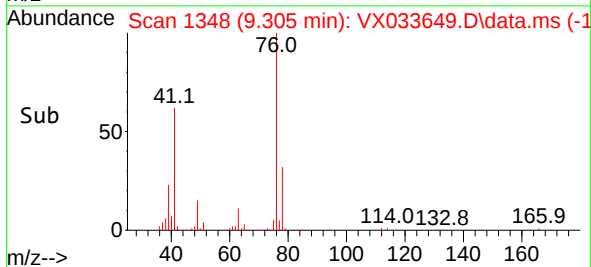
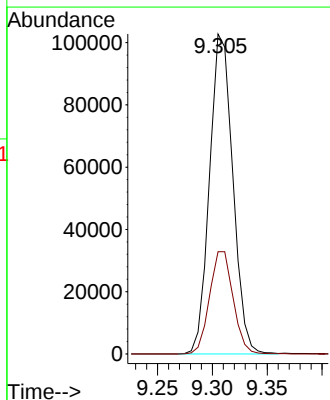
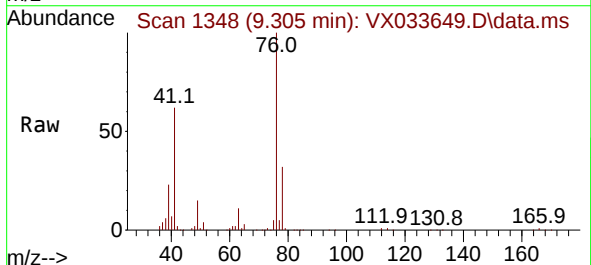
Reviewed By :John Carlone 01/09/2023

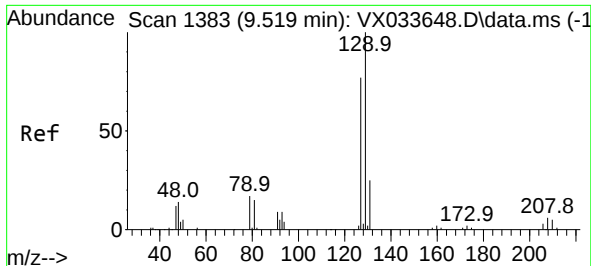
Supervised By :Mahesh Dadoda 01/09/2023



#52
1,3-Dichloropropane
Concen: 54.400 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

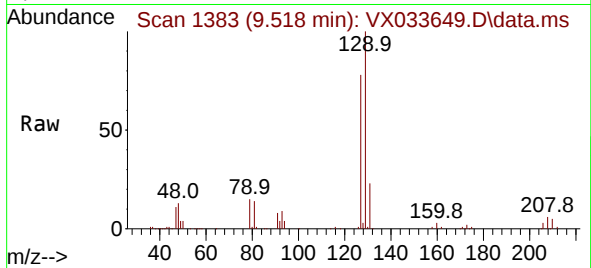
Tgt Ion: 76 Resp: 151988
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.6





#53
Dibromochloromethane
Concen: 50.729 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

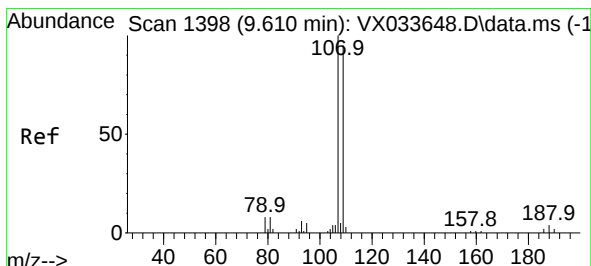
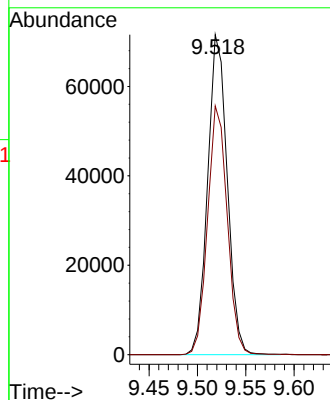
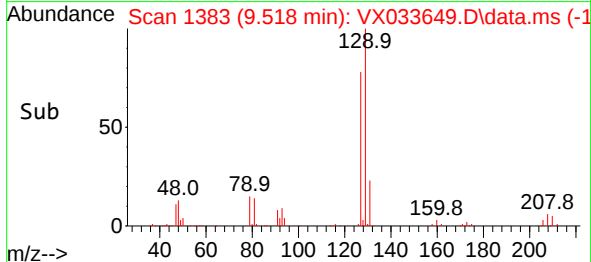
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:129 Resp: 100778
Ion Ratio Lower Upper
129 100
127 77.9 39.8 119.4

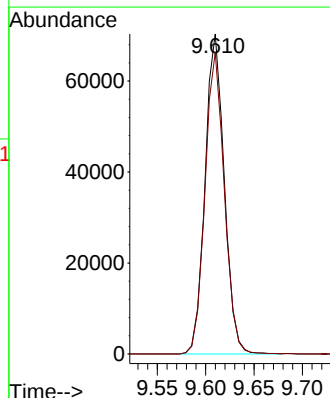
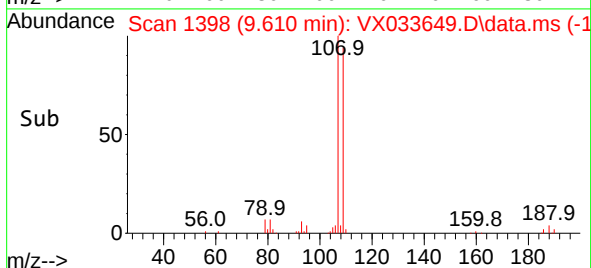
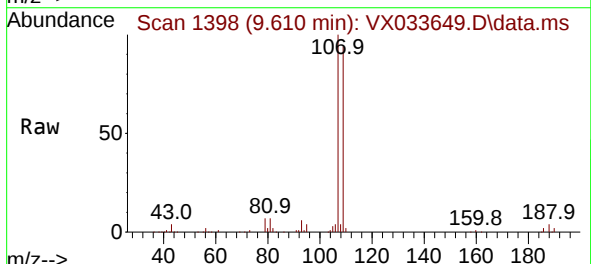
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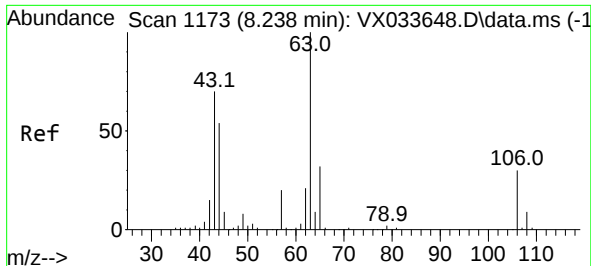
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#54
1,2-Dibromoethane
Concen: 52.518 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

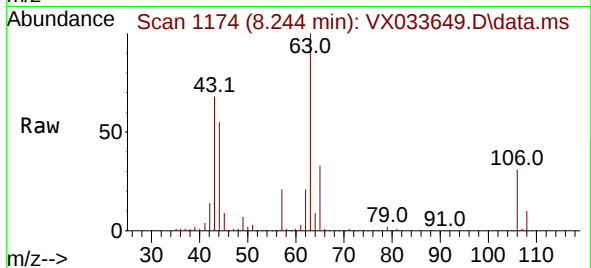
Tgt Ion:107 Resp: 97032
Ion Ratio Lower Upper
107 100
109 94.8 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 285.198 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

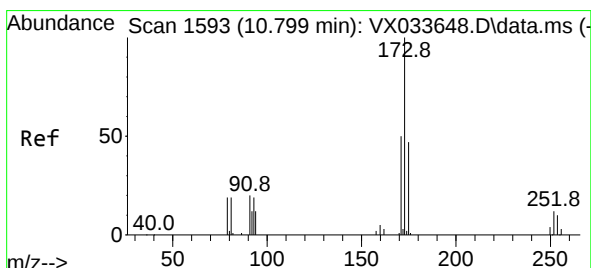
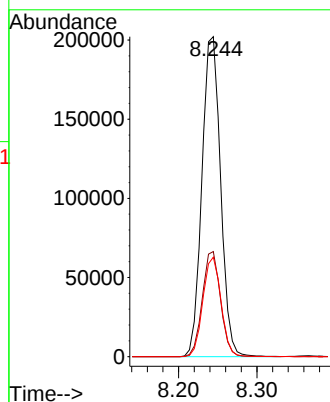
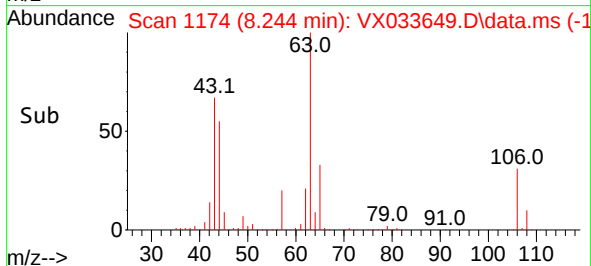
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 33432
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.4
106 30.2 24.0 36.0

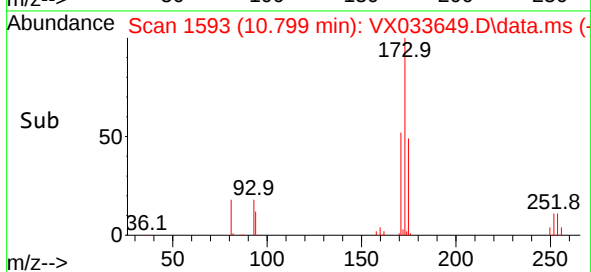
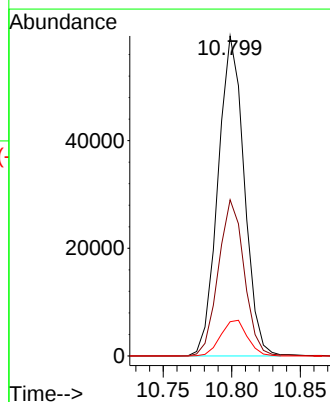
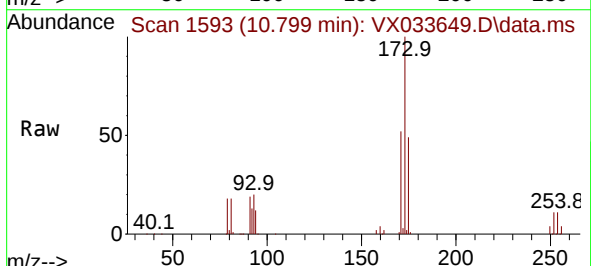
Manual Integrations
APPROVED

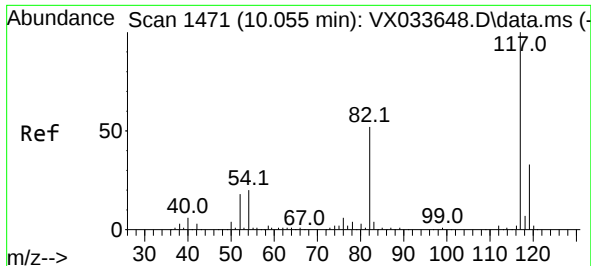
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#56
Bromoform
Concen: 54.277 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion:173 Resp: 78980
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.4
254 11.4 8.6 13.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 117 Resp: 12273

Ion Ratio Lower Upper

117 100

82 52.4 41.9 62.9

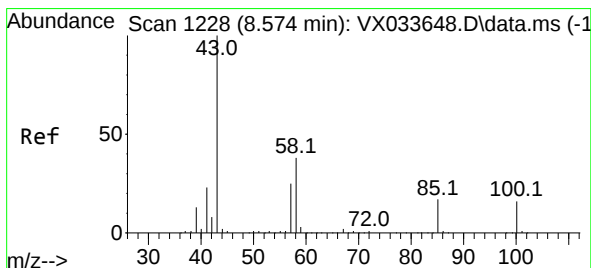
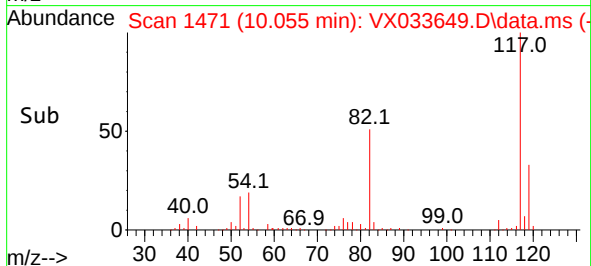
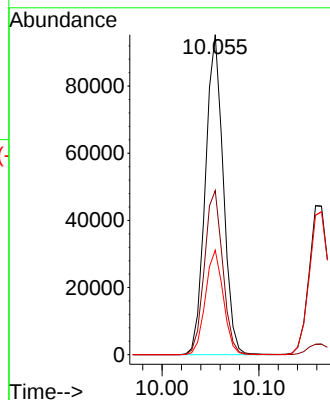
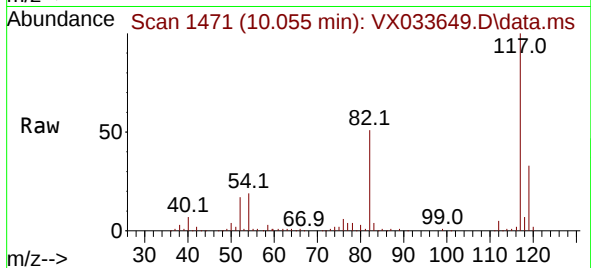
119 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#58

4-Methyl-2-Pentanone

Concen: 304.659 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

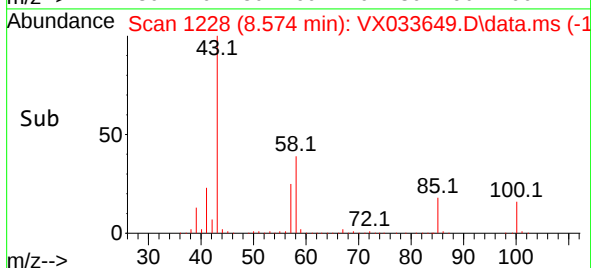
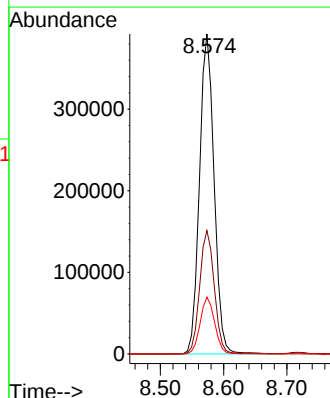
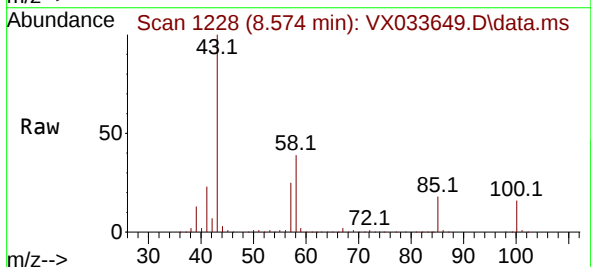
Tgt Ion: 43 Resp: 630825

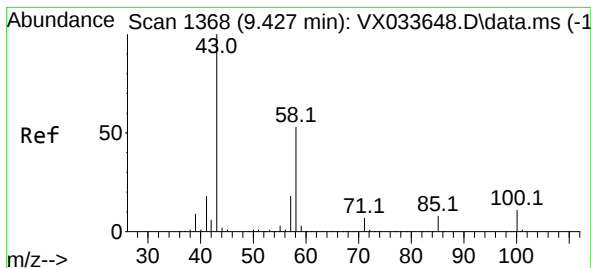
Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.4

85 17.6 13.8 20.8





#59

2-Hexanone

Concen: 296.114 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 45976

Ion Ratio Lower Upper

43 100

58 54.2 42.9 64.3

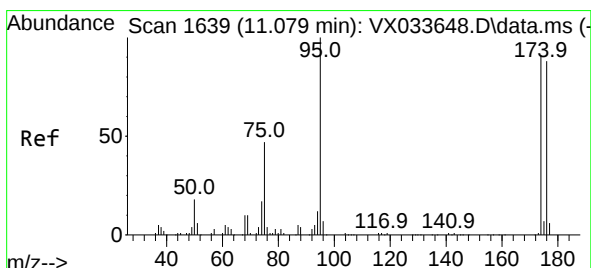
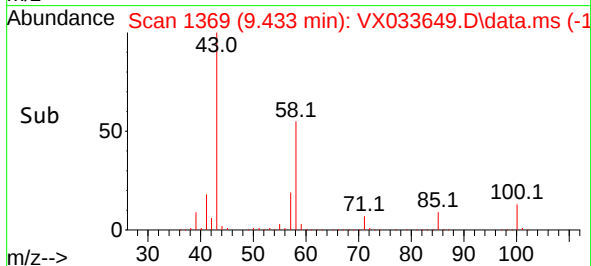
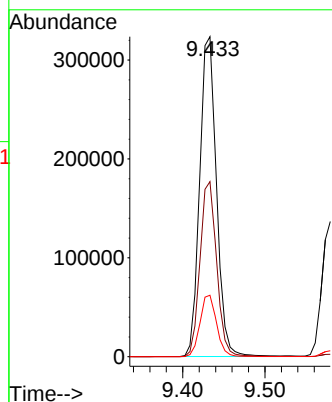
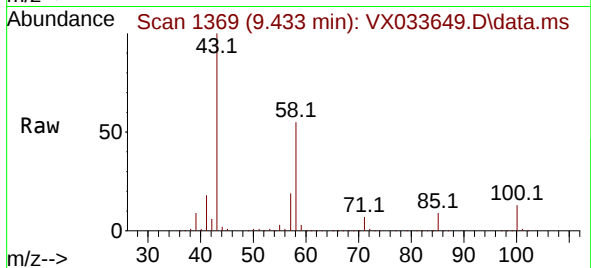
57 19.0 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#60

4-Bromofluorobenzene

Concen: 30.312 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

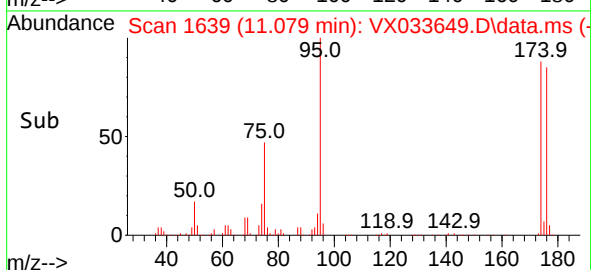
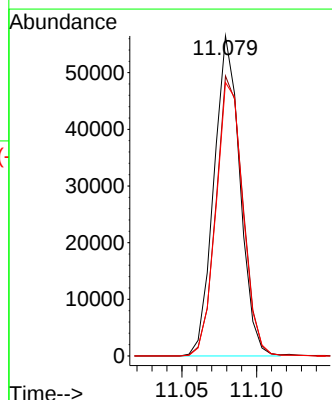
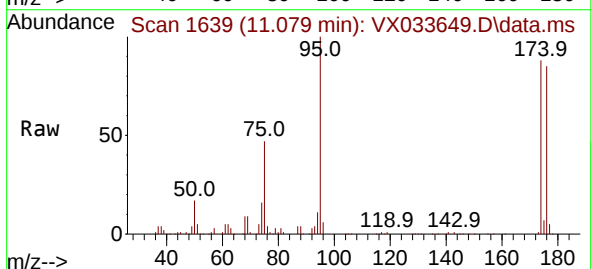
Tgt Ion: 95 Resp: 68497

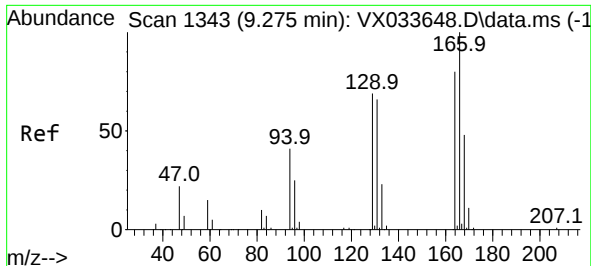
Ion Ratio Lower Upper

95 100

174 90.0 73.7 110.5

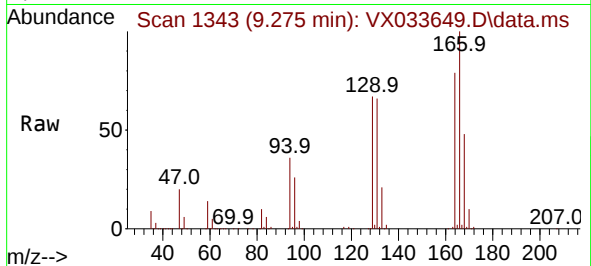
176 88.5 71.0 106.4





#61
Tetrachloroethene
Concen: 53.570 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

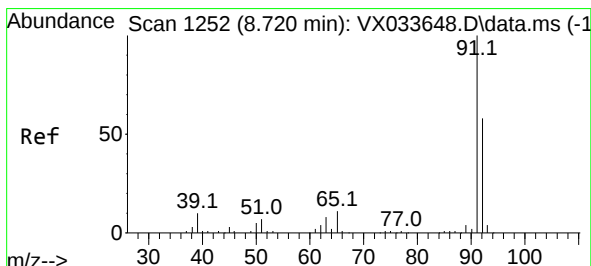
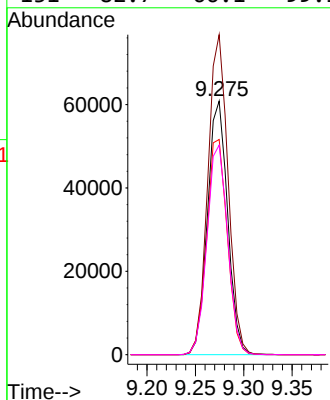
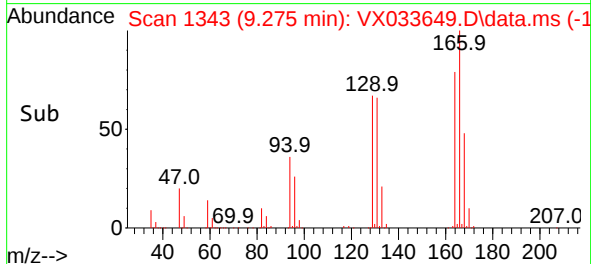
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 88274
Ion Ratio Lower Upper
164 100
166 126.2 100.2 150.4
129 84.9 68.8 103.2
131 82.7 66.1 99.1

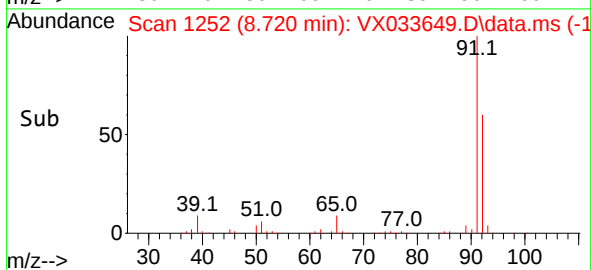
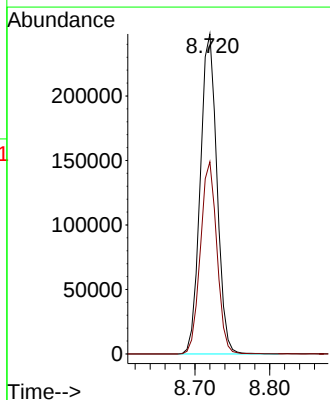
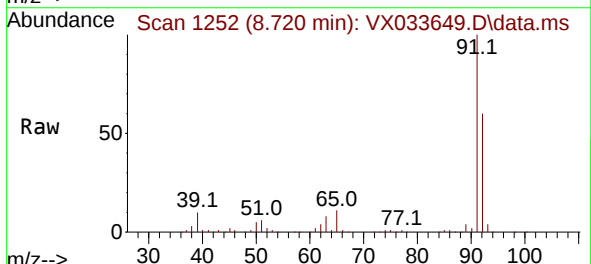
Manual Integrations
APPROVED

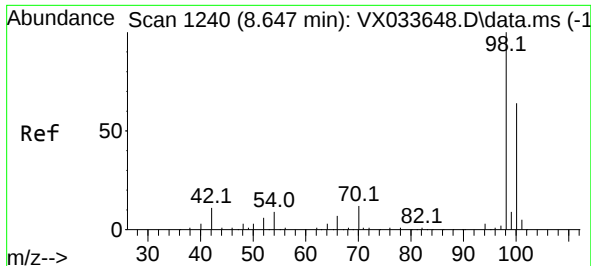
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#62
Toluene
Concen: 51.513 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

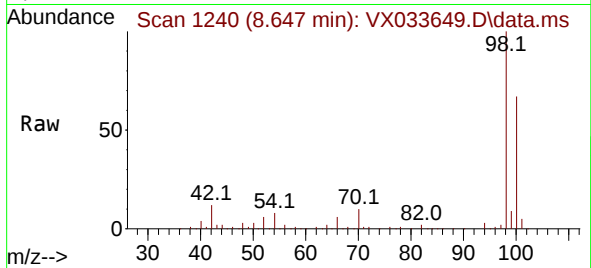
Tgt Ion: 91 Resp: 383743
Ion Ratio Lower Upper
91 100
92 59.3 45.8 68.8





#63
Toluene-d8
Concen: 29.316 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

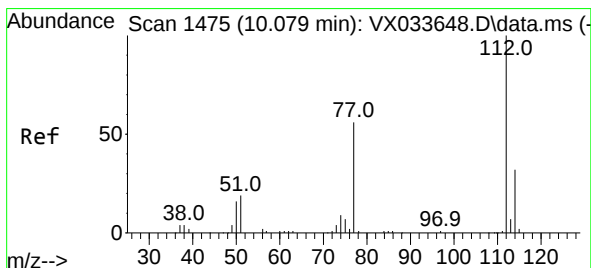
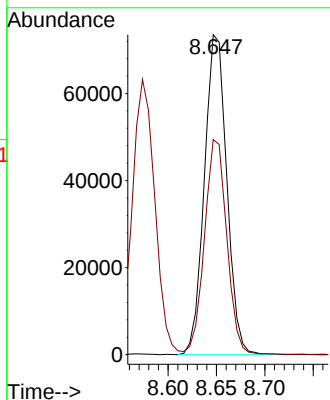
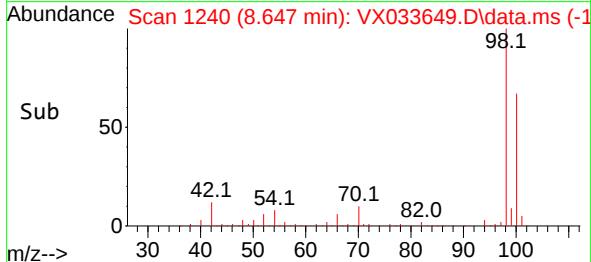
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 118710
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

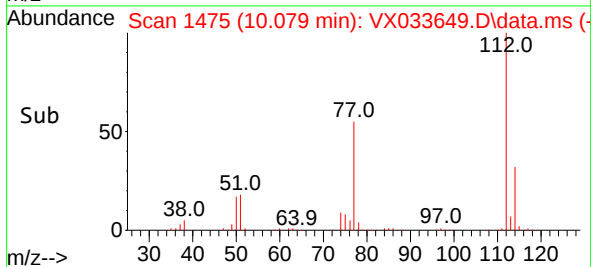
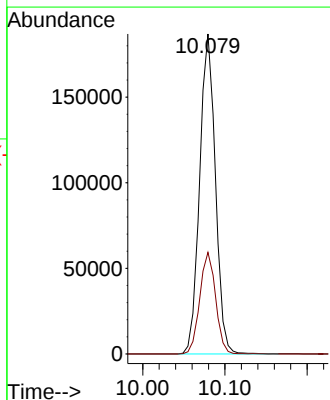
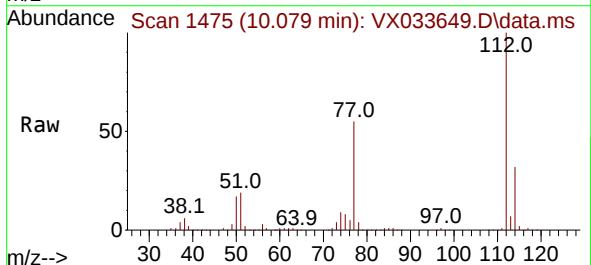
Manual Integrations
APPROVED

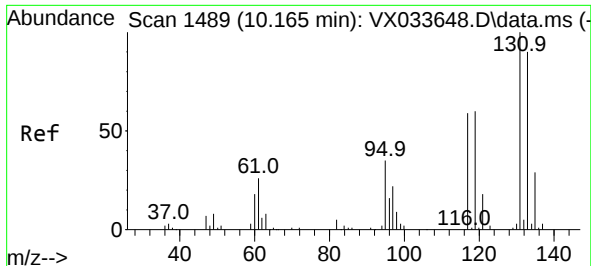
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#64
Chlorobenzene
Concen: 52.622 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

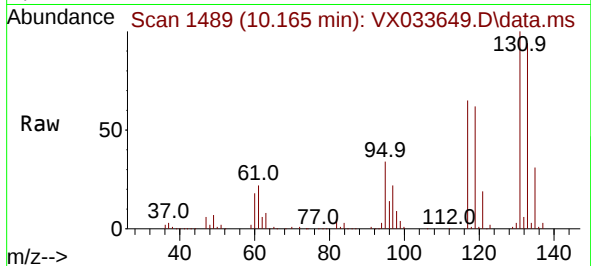
Tgt Ion:112 Resp: 248709
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 51.320 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

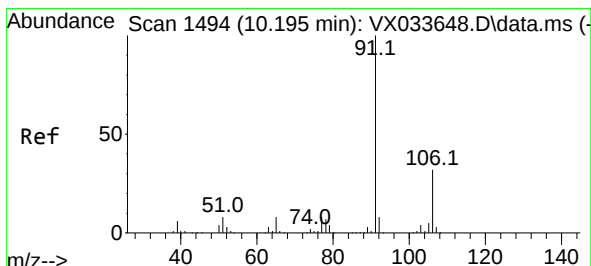
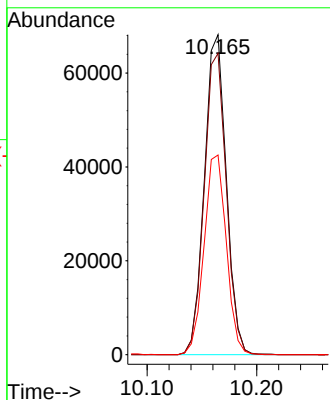
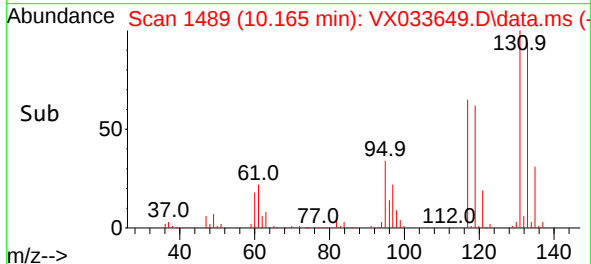
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 94664
Ion Ratio Lower Upper
131 100
133 94.9 0.0 187.6
119 63.3 0.0 124.0

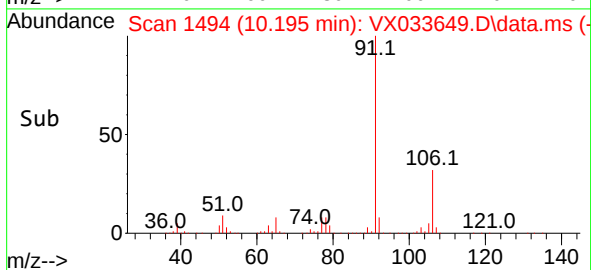
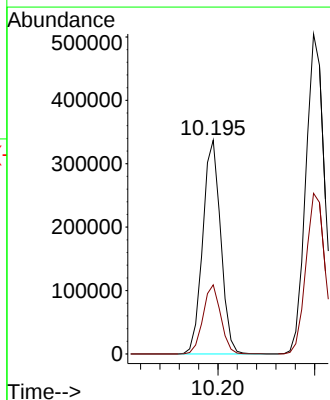
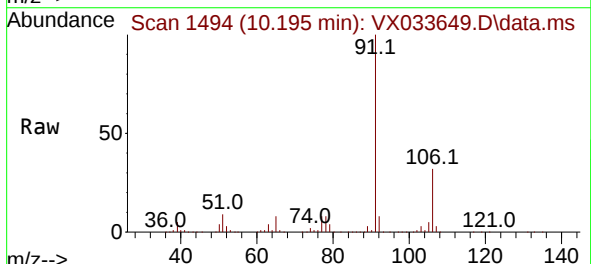
Manual Integrations
APPROVED

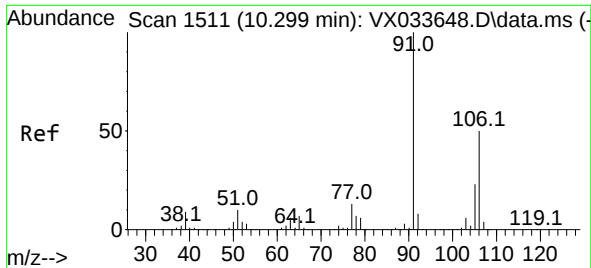
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#66
Ethyl Benzene
Concen: 52.018 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion: 91 Resp: 435650
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8





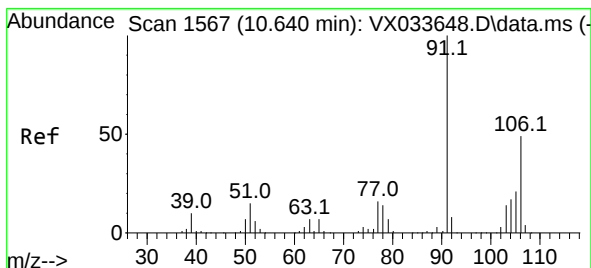
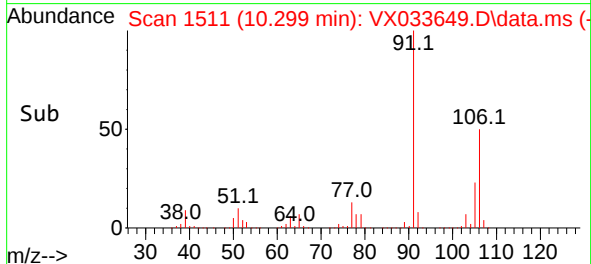
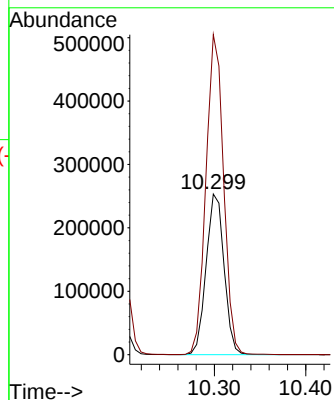
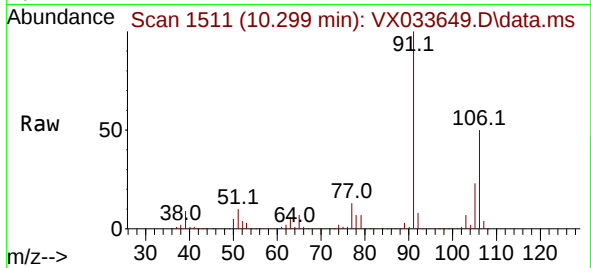
#67
m/p-Xylenes
Concen: 104.588 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 344258
Ion Ratio Lower Upper
106 100
91 196.0 157.3 235.9

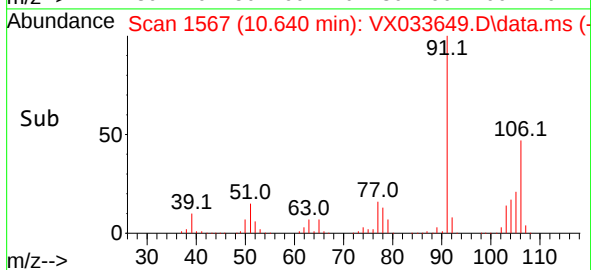
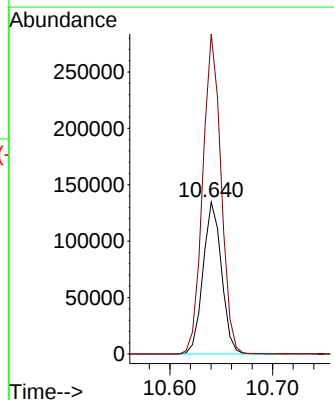
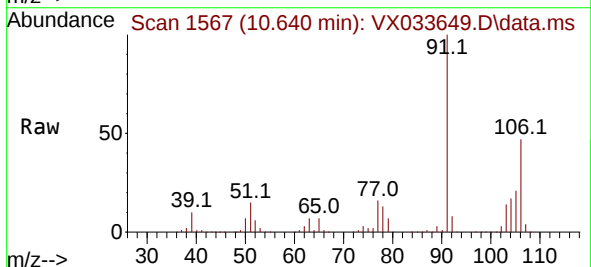
Manual Integrations
APPROVED

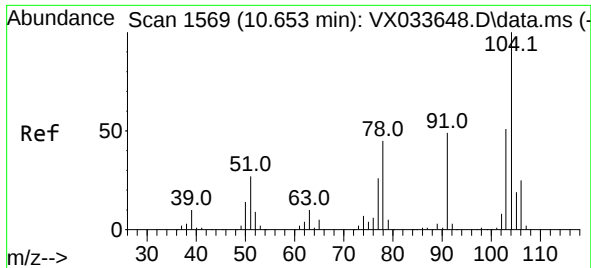
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#68
o-Xylene
Concen: 52.537 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion:106 Resp: 168448
Ion Ratio Lower Upper
106 100
91 209.2 104.6 313.8





#69
Styrene
Concen: 52.799 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

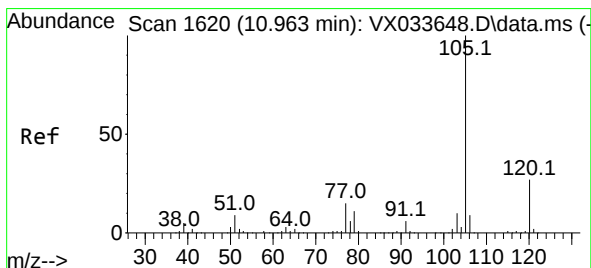
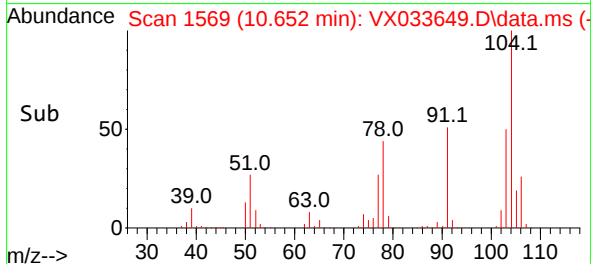
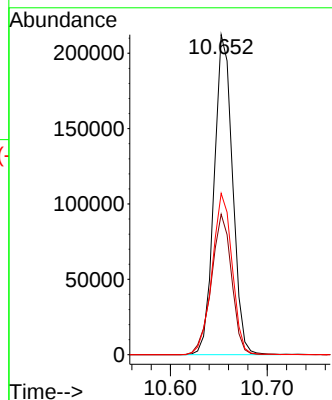
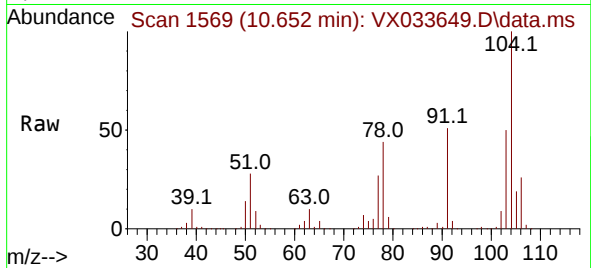
VSTDICC050

Tgt Ion:104 Resp: 280814
Ion Ratio Lower Upper
104 100
78 48.3 39.3 58.9
103 54.9 43.2 64.8

Manual Integrations

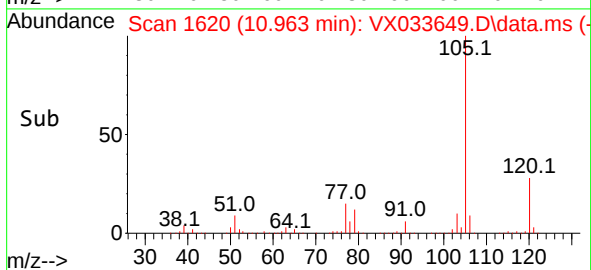
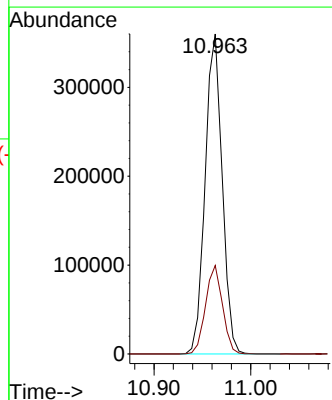
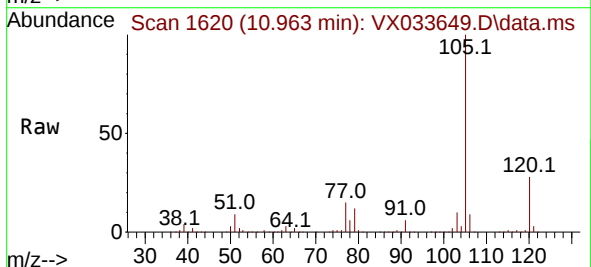
APPROVED

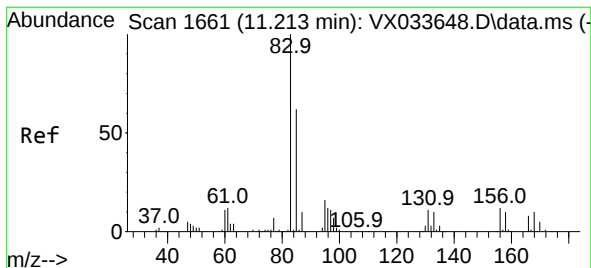
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#70
Isopropylbenzene
Concen: 52.234 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

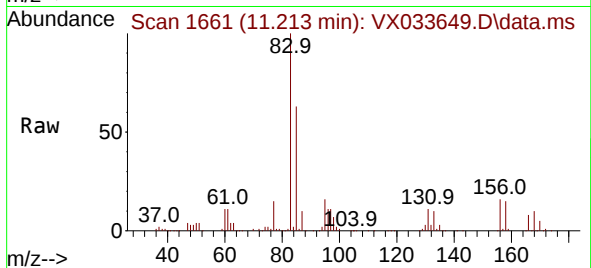
Tgt Ion:105 Resp: 441945
Ion Ratio Lower Upper
105 100
120 27.5 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 52.945 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

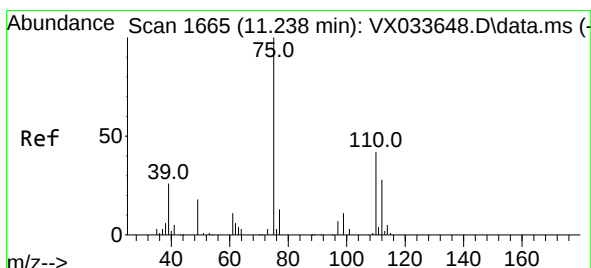
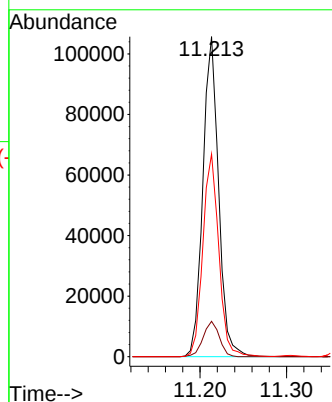
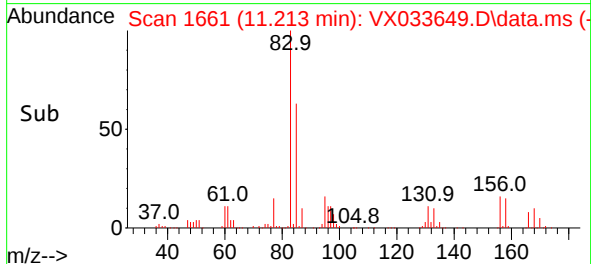
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



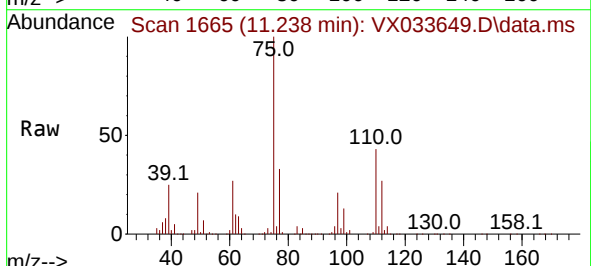
Tgt Ion: 83 Resp: 133260
Ion Ratio Lower Upper
83 100
131 11.4 5.4 16.2
85 64.2 32.4 97.0

Manual Integrations
APPROVED

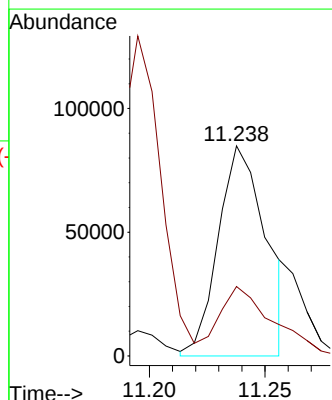
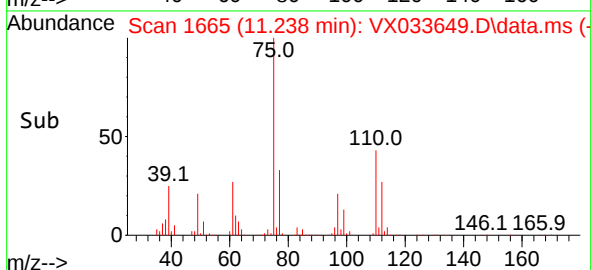
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

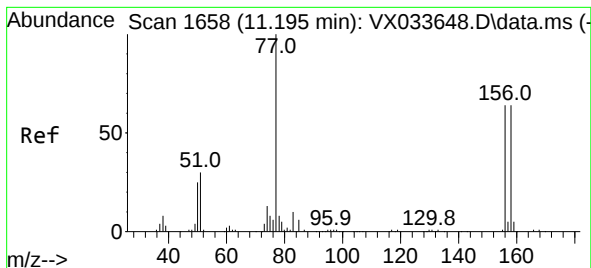


#72
1,2,3-Trichloropropane
Concen: 54.561 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50



Tgt Ion: 75 Resp: 121866
Ion Ratio Lower Upper
75 100
77 37.7 0.0 74.6





#73

Bromobenzene

Concen: 55.408 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:156 Resp: 117628

Ion Ratio Lower Upper

156 100

77 139.3 0.0 287.2

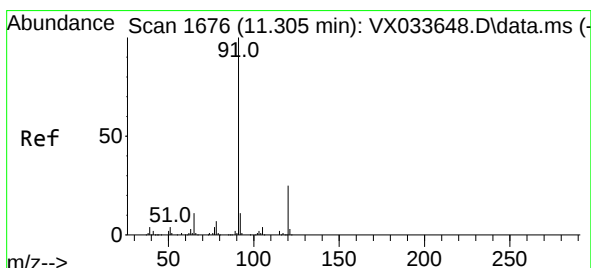
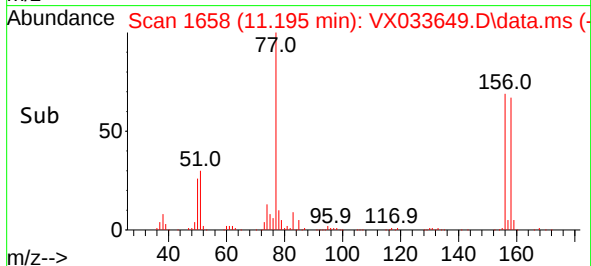
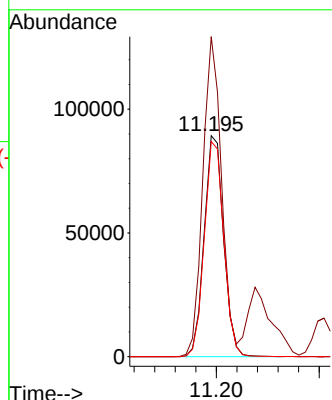
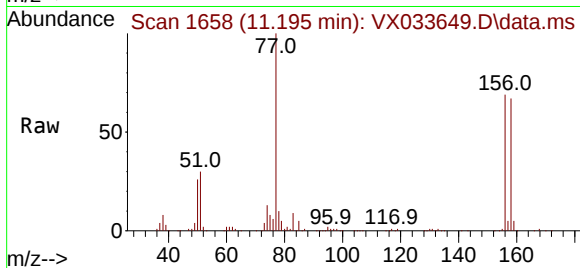
158 97.5 0.0 196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#74

n-propylbenzene

Concen: 52.297 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033649.D

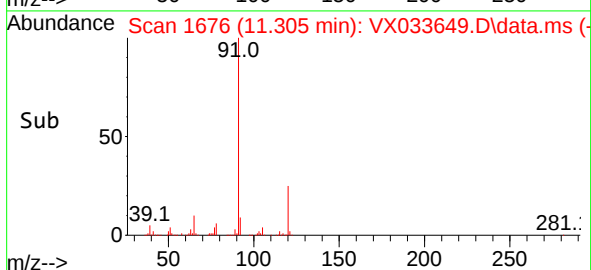
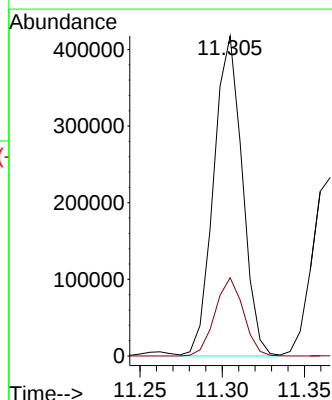
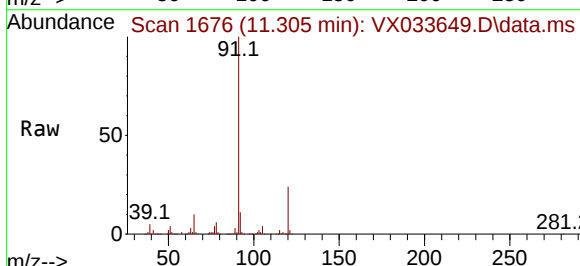
Acq: 06 Jan 2023 23:50

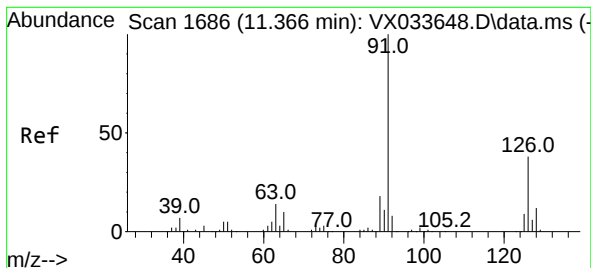
Tgt Ion: 91 Resp: 506239

Ion Ratio Lower Upper

91 100

120 24.1 0.0 48.8





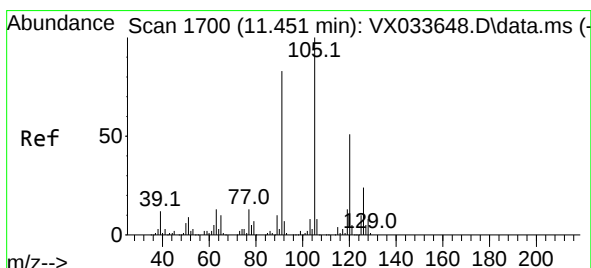
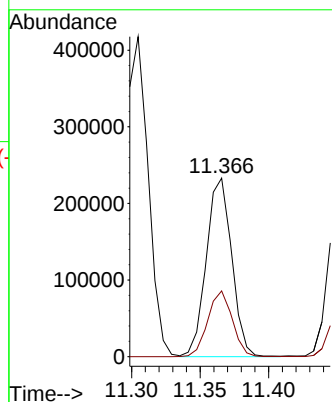
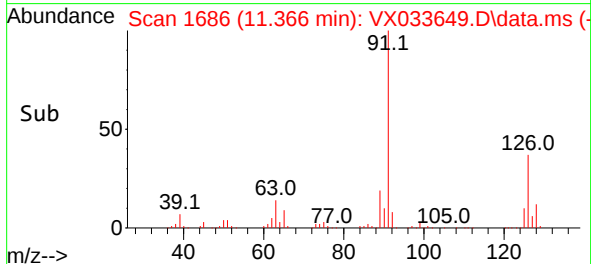
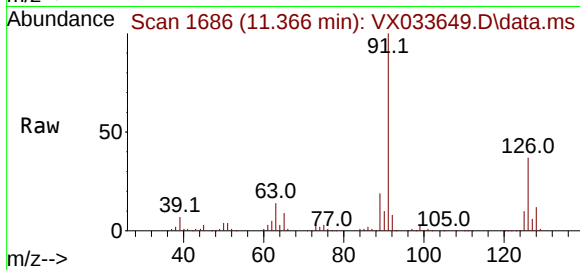
#75
2-Chlorotoluene
Concen: 51.764 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 300830
Ion Ratio Lower Upper
91 100
126 35.4 0.0 72.0

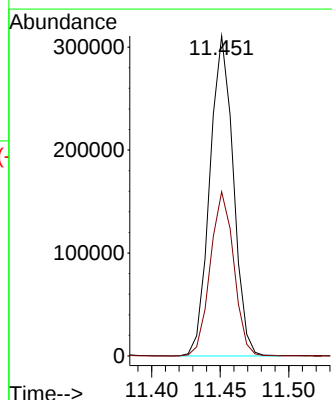
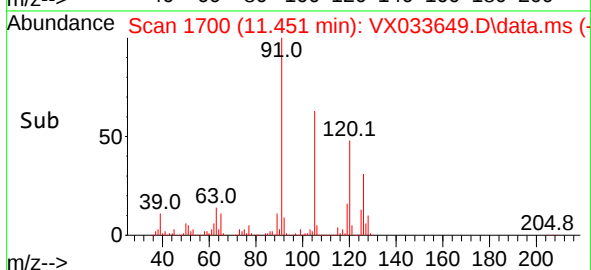
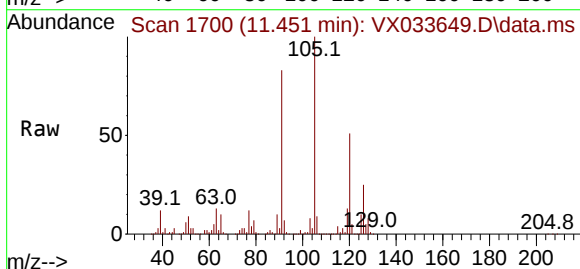
Manual Integrations
APPROVED

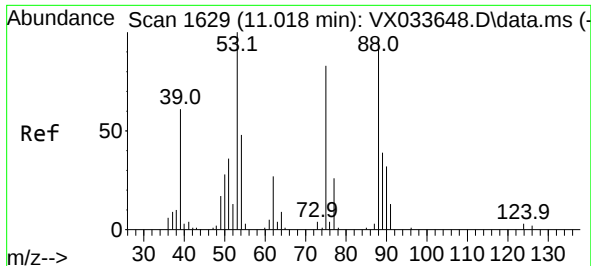
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 52.163 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

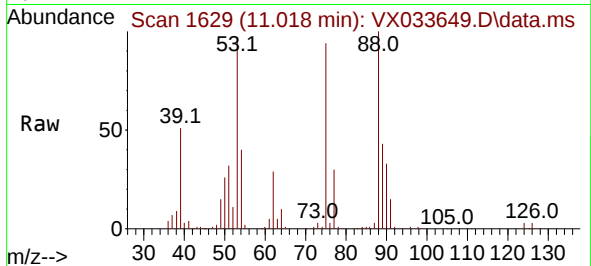
Tgt Ion:105 Resp: 370125
Ion Ratio Lower Upper
105 100
120 51.3 0.0 100.4





#77
t-1,4-Dichloro-2-butene
Concen: 51.894 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

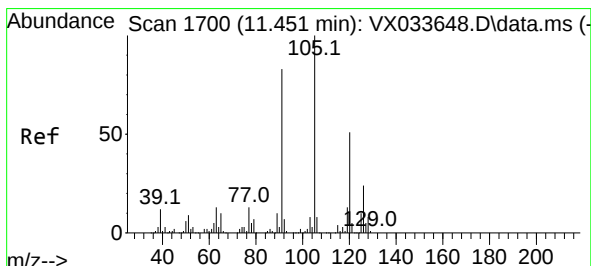
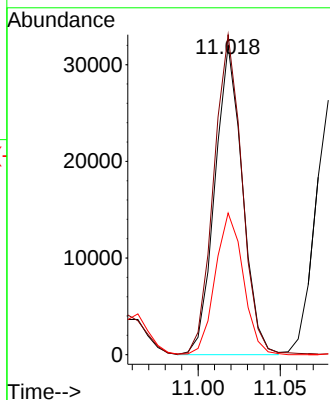
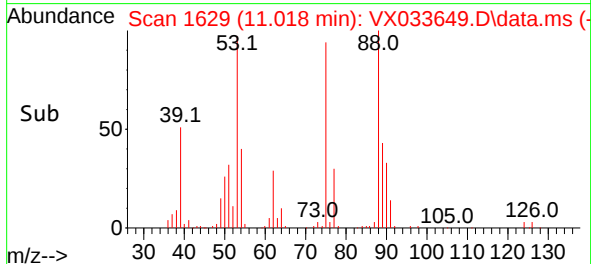
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 37369
Ion Ratio Lower Upper
75 100
53 103.2 60.2 180.6
89 45.6 23.2 69.6

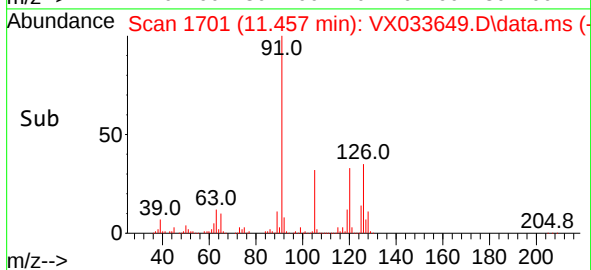
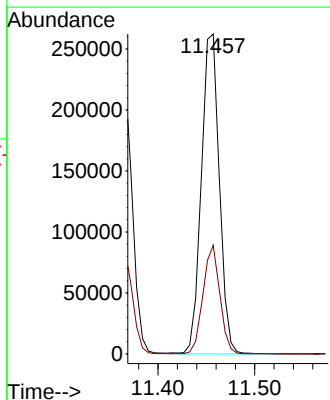
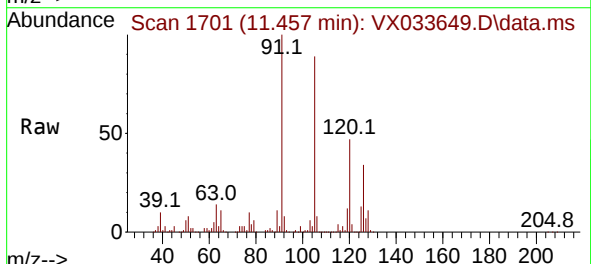
Manual Integrations
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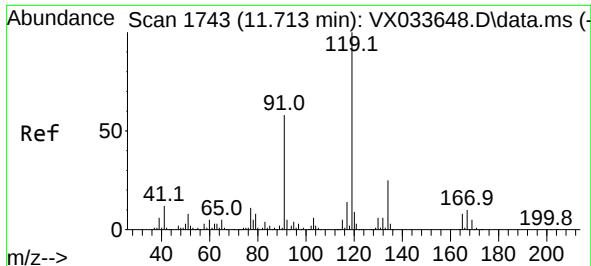
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#78
4-Chlorotoluene
Concen: 51.346 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

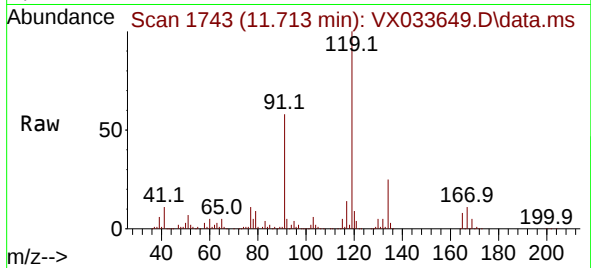
Tgt Ion: 91 Resp: 339833
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.6





#79
tert-butylbenzene
Concen: 53.618 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

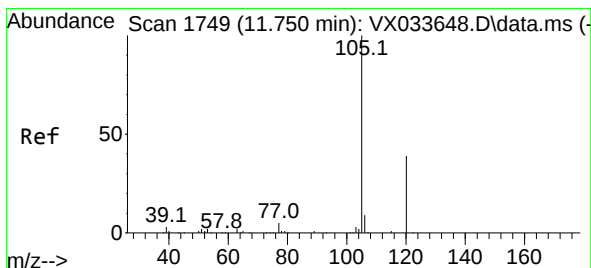
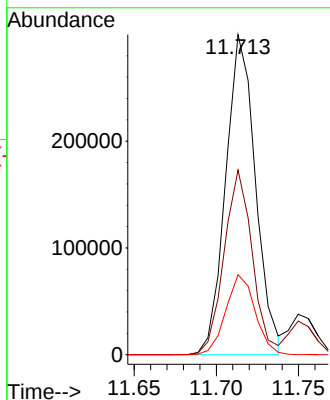
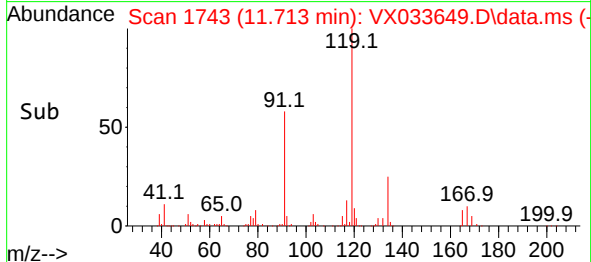
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:119 Resp: 379435
Ion Ratio Lower Upper
119 100
91 54.4 0.0 111.0
134 24.5 0.0 49.2

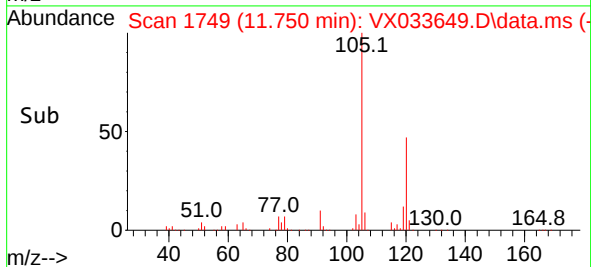
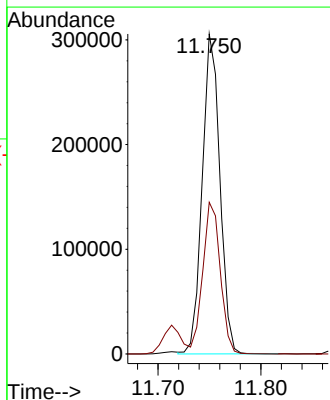
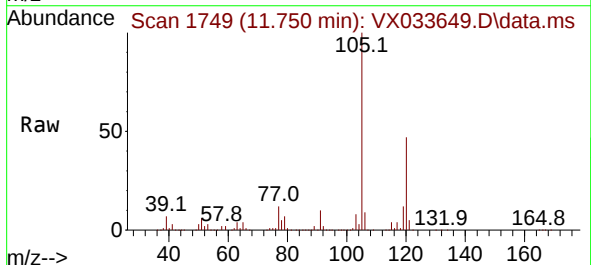
Manual Integrations
APPROVED

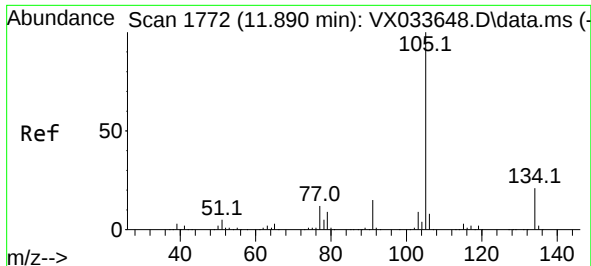
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 52.291 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

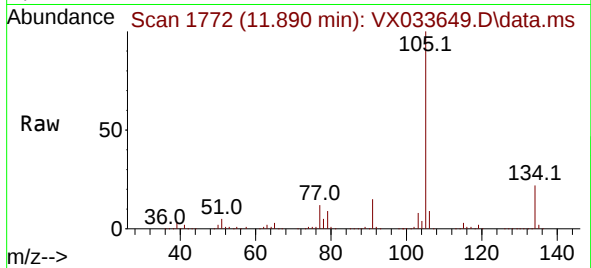
Tgt Ion:105 Resp: 364567
Ion Ratio Lower Upper
105 100
120 47.0 0.0 91.2





#81
 sec-Butylbenzene
 Concen: 53.846 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033649.D
 Acq: 06 Jan 2023 23:50

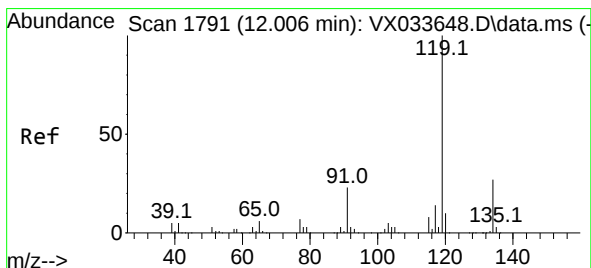
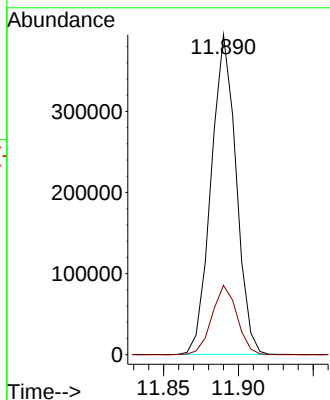
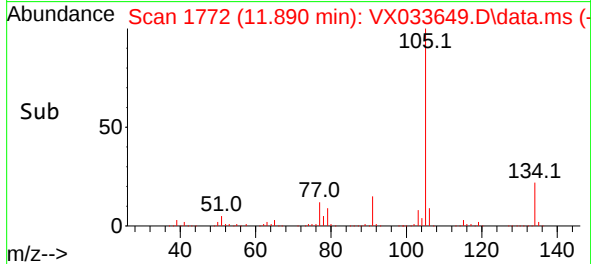
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



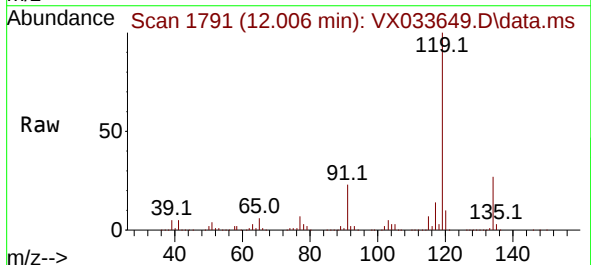
Tgt Ion:105 Resp: 458318
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.2

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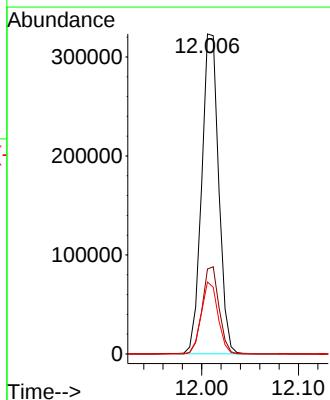
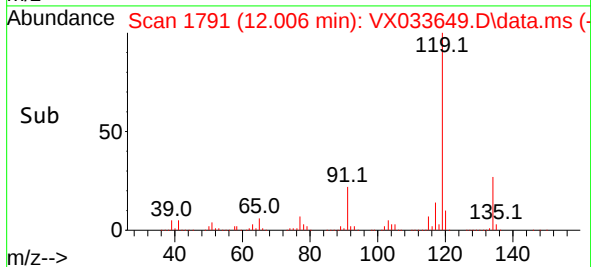
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

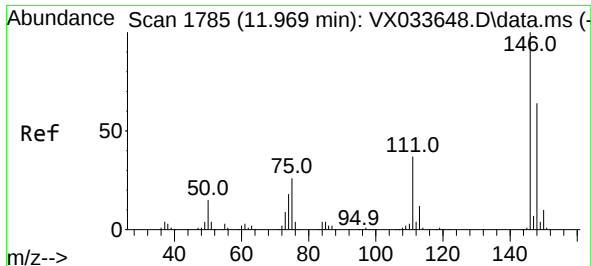


#82
 p-Isopropyltoluene
 Concen: 54.532 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033649.D
 Acq: 06 Jan 2023 23:50



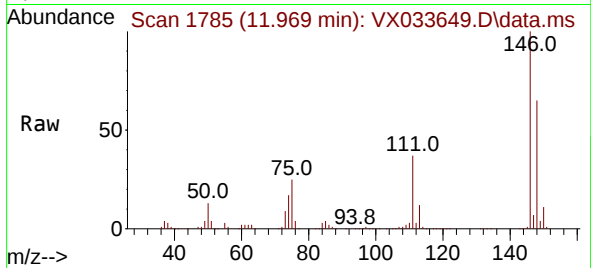
Tgt Ion:119 Resp: 396906
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.4
 91 22.1 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 54.977 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

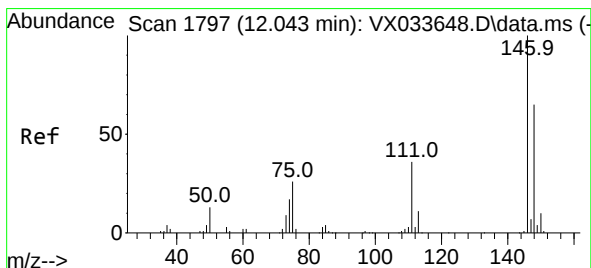
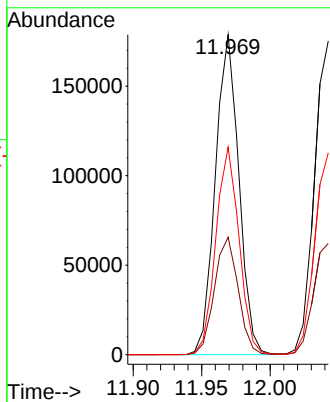
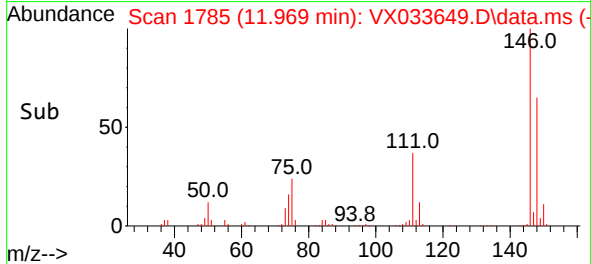
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



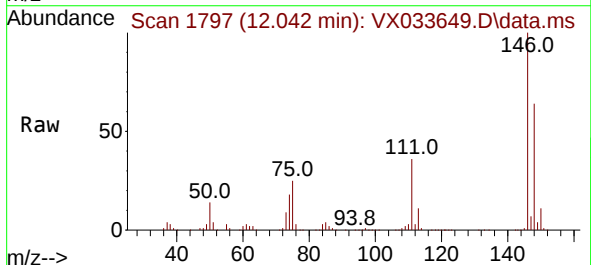
Tgt Ion:146 Resp: 213400
Ion Ratio Lower Upper
146 100
111 37.2 18.8 56.3
148 64.2 31.7 95.1

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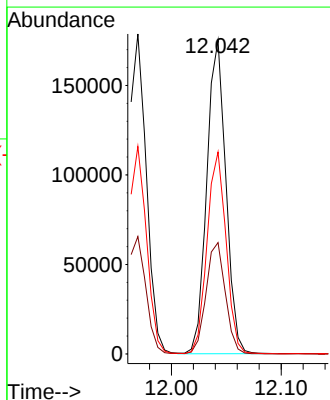
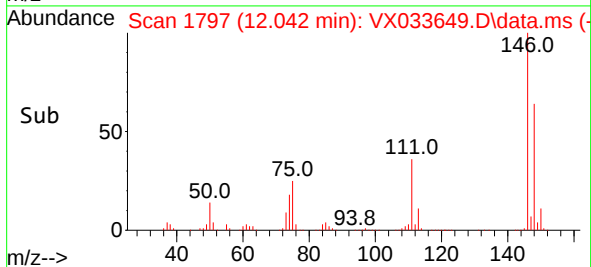
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

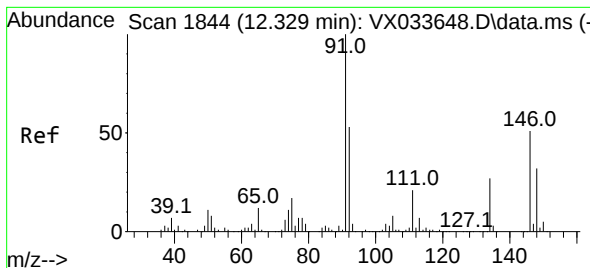


#84
1,4-Dichlorobenzene
Concen: 54.172 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50



Tgt Ion:146 Resp: 211825
Ion Ratio Lower Upper
146 100
111 36.0 18.3 54.9
148 64.4 31.9 95.7





#85

n-Butylbenzene

Concen: 53.517 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX033649.D

Acq: 06 Jan 2023 23:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 91 Resp: 32404

Ion Ratio Lower Upper

91 100

92 54.9 0.0 108.2

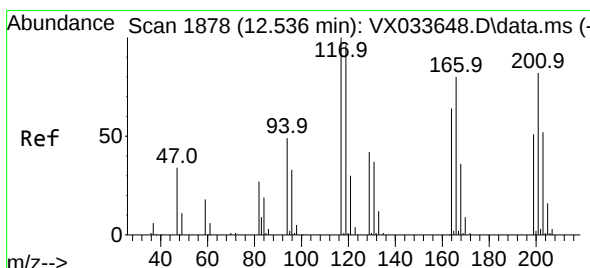
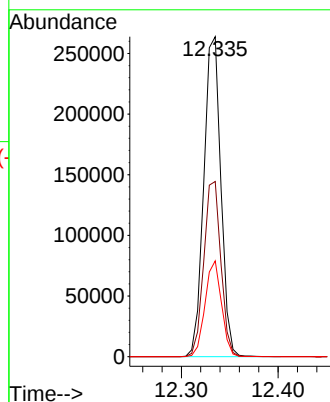
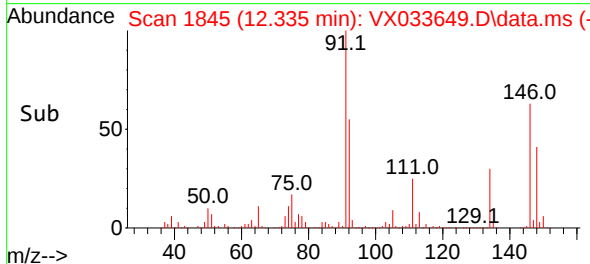
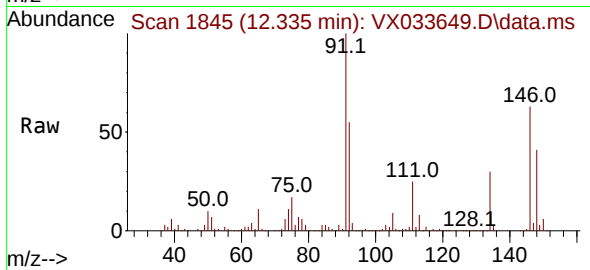
134 28.8 0.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#86

Hexachloroethane

Concen: 50.885 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX033649.D

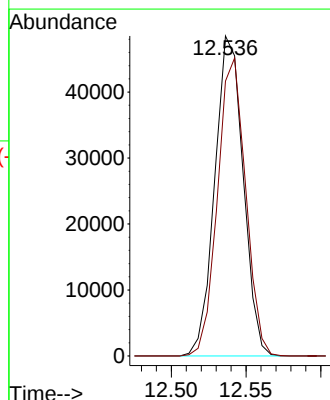
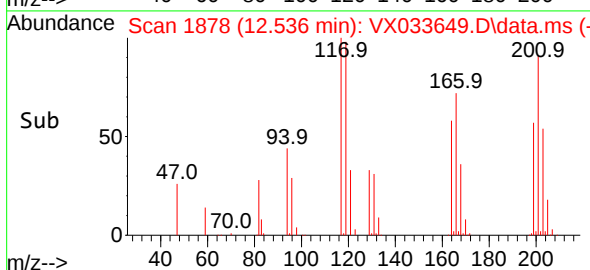
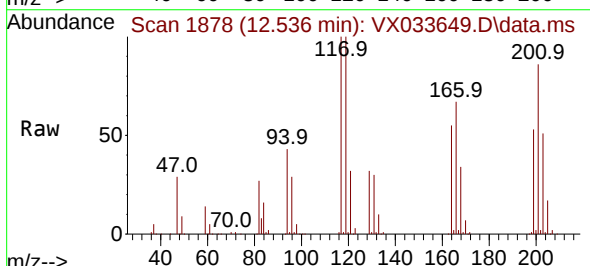
Acq: 06 Jan 2023 23:50

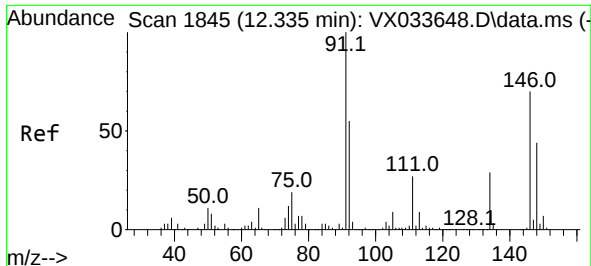
Tgt Ion:117 Resp: 64103

Ion Ratio Lower Upper

117 100

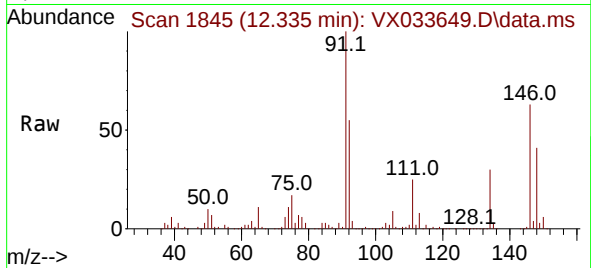
201 91.8 45.0 135.0





#87
1,2-Dichlorobenzene
Concen: 54.584 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

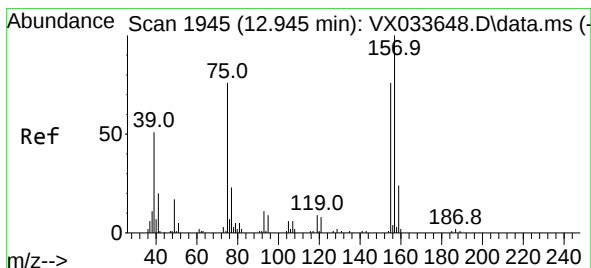
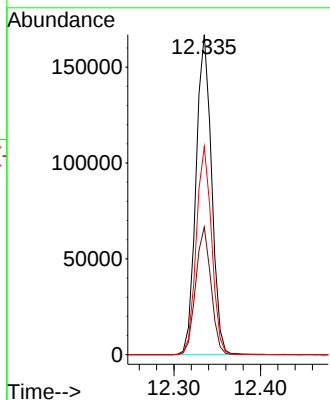
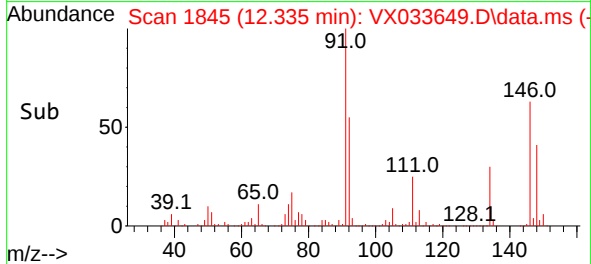
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



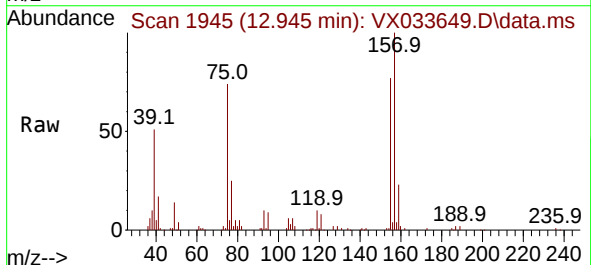
Tgt Ion:146 Resp: 20763
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 64.3 31.9 95.9

Manual Integrations
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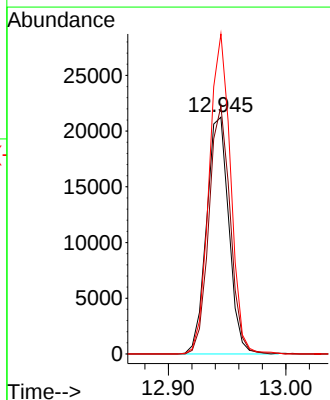
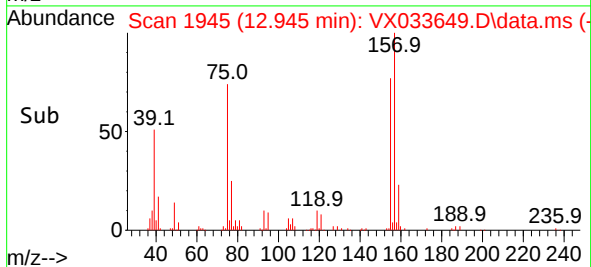
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

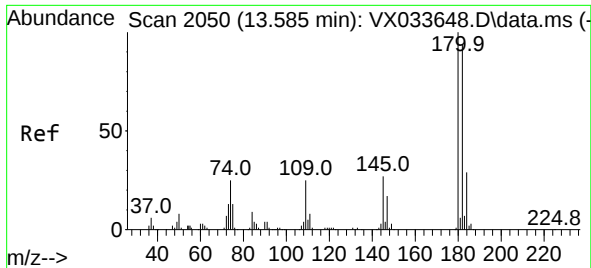


#88
1,2-Dibromo-3-Chloropropane
Concen: 52.166 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50



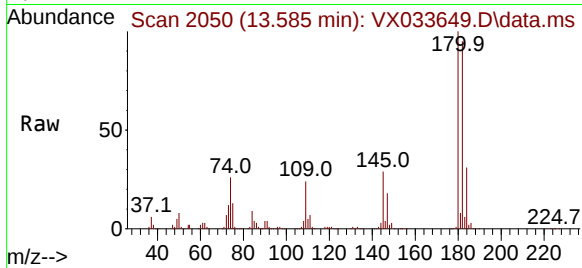
Tgt Ion: 75 Resp: 28077
Ion Ratio Lower Upper
75 100
155 99.2 77.6 116.4
157 129.1 98.0 147.0





#89
 1,2,4-Trichlorobenzene
 Concen: 59.161 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX033649.D
 Acq: 06 Jan 2023 23:50

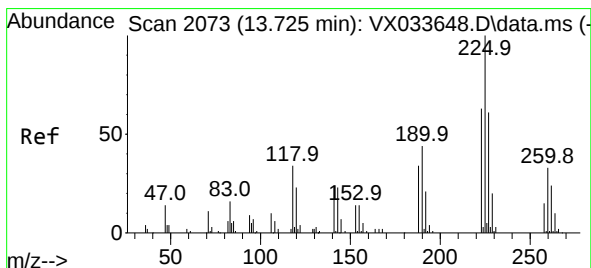
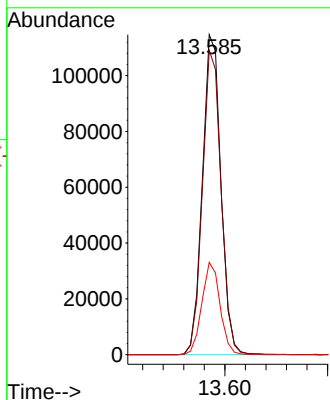
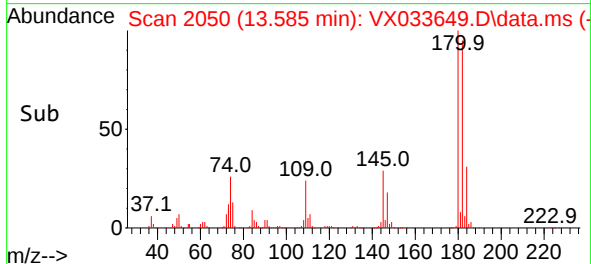
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion:180 Resp: 143512
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.7 115.1
 145 28.4 21.8 32.6

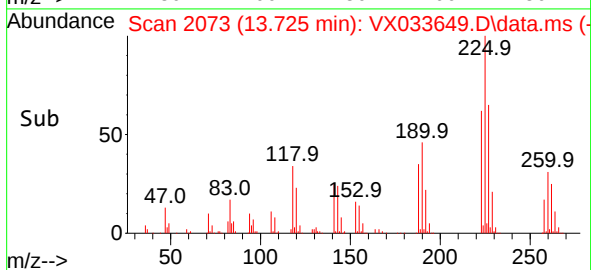
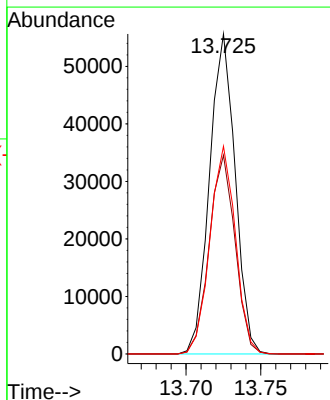
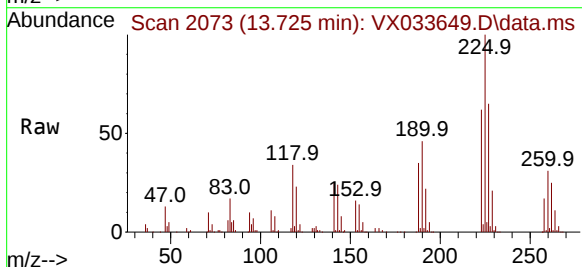
Manual Integrations
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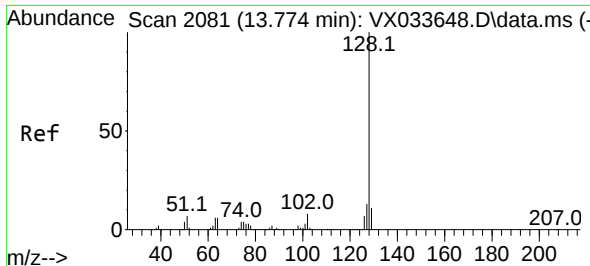
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023



#90
 Hexachlorobutadiene
 Concen: 63.236 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX033649.D
 Acq: 06 Jan 2023 23:50

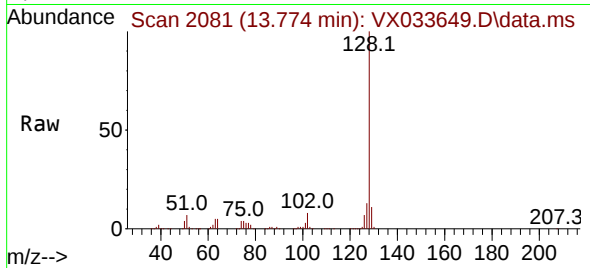
Tgt Ion:225 Resp: 66323
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 127.0
 227 64.5 0.0 123.0





#91
Naphthalene
Concen: 55.404 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

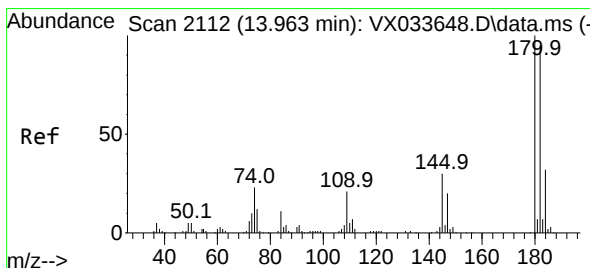
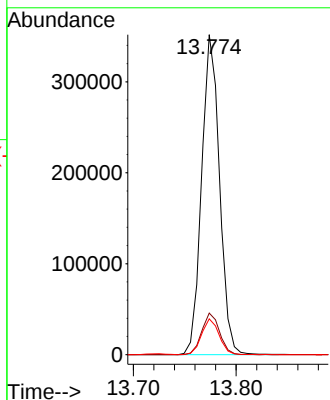
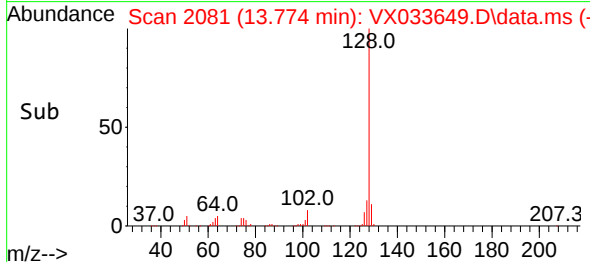
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 426272
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 59.764 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033649.D
Acq: 06 Jan 2023 23:50

Tgt Ion:180 Resp: 144684
Ion Ratio Lower Upper
180 100
182 95.4 0.0 191.2
145 29.8 0.0 60.4

