

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035927.D
 Acq On : 31 May 2023 11:36
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Quant Time: May 31 12:07:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 11:49:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	200272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	333079	93.589	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 187.180%#			
35) Dibromofluoromethane	5.385	113	246353	98.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.440%#			
50) Toluene-d8	8.647	98	865411	94.016	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 188.040%#			
62) 4-Bromofluorobenzene	11.079	95	346803	95.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 191.260%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	228846	85.924	ug/l	99
3) Chloromethane	1.294	50	247263	90.040	ug/l	99
4) Vinyl Chloride	1.374	62	244497	92.687	ug/l	99
5) Bromomethane	1.618	94	159662	101.000	ug/l	100
6) Chloroethane	1.691	64	137369	93.200	ug/l	99
7) Trichlorofluoromethane	1.886	101	330836	83.575	ug/l	99
8) Diethyl Ether	2.130	74	143505	98.717	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	207933	88.621	ug/l	96
10) Methyl Iodide	2.453	142	272657	114.554	ug/l	96
11) Tert butyl alcohol	3.014	59	288874m	466.104	ug/l	
12) 1,1-Dichloroethene	2.319	96	208080	94.617	ug/l	91
13) Acrolein	2.239	56	274565	446.742	ug/l	98
14) Allyl chloride	2.666	41	417937	96.196	ug/l	94
15) Acrylonitrile	3.069	53	683874	482.398	ug/l	98
16) Acetone	2.398	43	599355	417.142	ug/l	95
17) Carbon Disulfide	2.514	76	532010	104.442	ug/l	100
18) Methyl Acetate	2.703	43	517434	93.268	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	802439	94.637	ug/l	100
20) Methylene Chloride	2.788	84	251021	75.828	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	231947	95.674	ug/l	94
22) Diisopropyl ether	3.757	45	800243	91.726	ug/l	95
23) Vinyl Acetate	3.721	43	2925927	481.444	ug/l	96
24) 1,1-Dichloroethane	3.611	63	448453	93.144	ug/l	99
25) 2-Butanone	4.568	43	958801	461.336	ug/l	97
26) 2,2-Dichloropropane	4.477	77	362341	97.594	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	280038	99.302	ug/l	95
28) Bromochloromethane	4.897	49	220862	94.666	ug/l	90
29) Tetrahydrofuran	5.013	42	623924	464.018	ug/l	98
30) Chloroform	5.093	83	460924	93.319	ug/l	98
31) Cyclohexane	5.471	56	364229	86.165	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	426068	99.831	ug/l	99
36) 1,1-Dichloropropene	5.690	75	342761	89.998	ug/l	99
37) Ethyl Acetate	4.715	43	367646	89.174	ug/l	98
38) Carbon Tetrachloride	5.678	117	350802	97.727	ug/l	97
39) Methylcyclohexane	7.379	83	361285	83.138	ug/l	99
40) Benzene	6.038	78	994127	93.194	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	210747	89.797	ug/l	96
42) 1,2-Dichloroethane	6.086	62	415851	92.293	ug/l	99
43) Isopropyl Acetate	6.342	43	657468	99.516	ug/l	99
44) Trichloroethene	7.123	130	256444	96.506	ug/l	97
45) 1,2-Dichloropropane	7.428	63	265233	94.286	ug/l	99
46) Dibromomethane	7.580	93	187056	96.841	ug/l	98
47) Bromodichloromethane	7.824	83	376436	104.558	ug/l	100
48) Methyl methacrylate	7.690	41	328719	96.929	ug/l	97
49) 1,4-Dioxane	7.732	88	134750	1861.894	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	1927078	468.573	ug/l	98
52) Toluene	8.720	92	627347	93.639	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	417838	112.385	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	443230	109.220	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	259644	97.758	ug/l	99
56) Ethyl methacrylate	9.116	69	425269	101.693	ug/l	97
57) 1,3-Dichloropropane	9.305	76	448318	93.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1059790	478.977	ug/l	98
59) 2-Hexanone	9.433	43	1370450	440.872	ug/l	96
60) Dibromochloromethane	9.519	129	271145	111.573	ug/l	98
61) 1,2-Dibromoethane	9.610	107	272062	97.273	ug/l	99
64) Tetrachloroethene	9.275	164	205134	91.903	ug/l	96
65) Chlorobenzene	10.079	112	670183	95.471	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	252195	104.710	ug/l	99
67) Ethyl Benzene	10.195	91	1187409	91.165	ug/l	97
68) m/p-Xylenes	10.299	106	911118	189.071	ug/l	94
69) o-Xylene	10.640	106	454488	94.935	ug/l	95
70) Styrene	10.653	104	766716	97.492	ug/l	98
71) Bromoform	10.799	173	189346	121.593	ug/l #	99
73) Isopropylbenzene	10.963	105	1154157	88.584	ug/l	98
74) N-amyl acetate	10.842	43	529968	93.524	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	383001	89.936	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	369704m	92.219	ug/l	
77) Bromobenzene	11.195	156	285746	97.231	ug/l	94
78) n-propylbenzene	11.305	91	1329228	87.533	ug/l	97
79) 2-Chlorotoluene	11.366	91	837273	86.973	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	990803	89.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	124536	113.992	ug/l	87
82) 4-Chlorotoluene	11.457	91	966033	88.183	ug/l	96
83) tert-Butylbenzene	11.713	119	954686	89.590	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1011248	90.967	ug/l	98
85) sec-Butylbenzene	11.890	105	1152600	86.551	ug/l	98
86) p-Isopropyltoluene	12.006	119	997351	89.567	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	536422	95.632	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	545983	94.490	ug/l	98
89) n-Butylbenzene	12.329	91	861594	88.029	ug/l	98
90) Hexachloroethane	12.536	117	170158	105.627	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	521434	94.116	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	90545	101.602	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	317688	97.522	ug/l	99
94) Hexachlorobutadiene	13.725	225	115298	88.271	ug/l	99
95) Naphthalene	13.774	128	1128601	99.720	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	313408	96.543	ug/l	99

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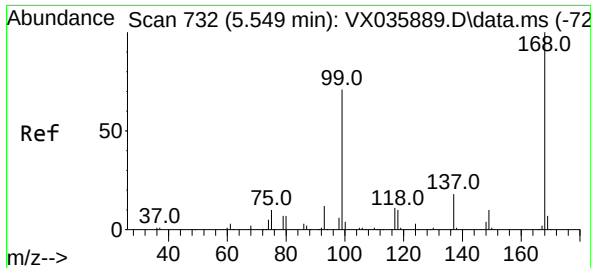
Manual Integrations
APPROVED

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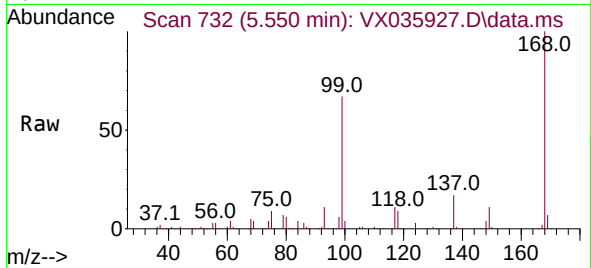
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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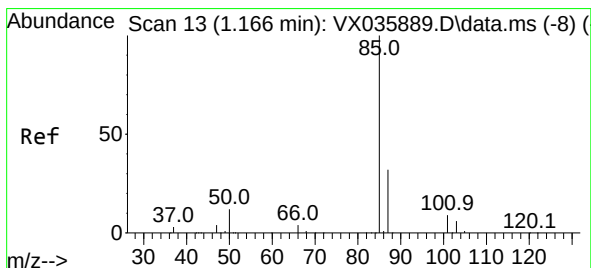
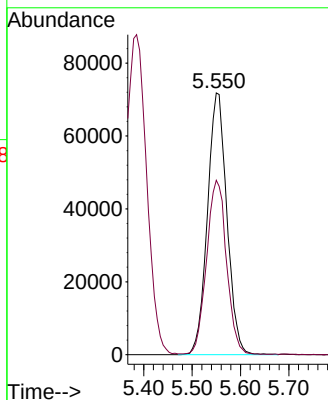
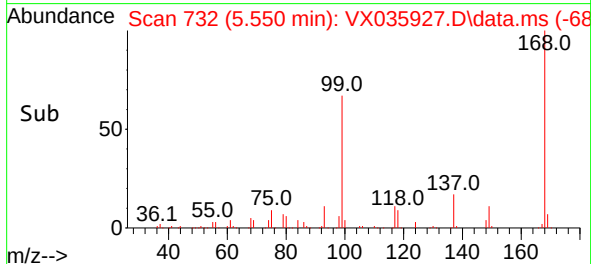
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 200272
Ion Ratio Lower Upper
168 100
99 66.4 57.0 85.6

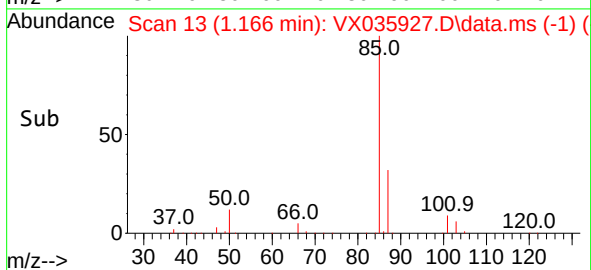
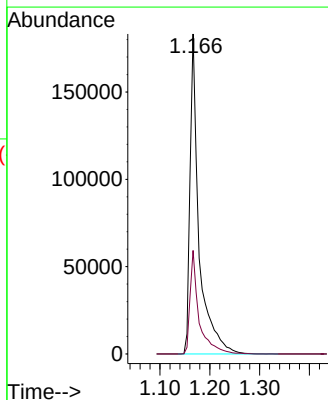
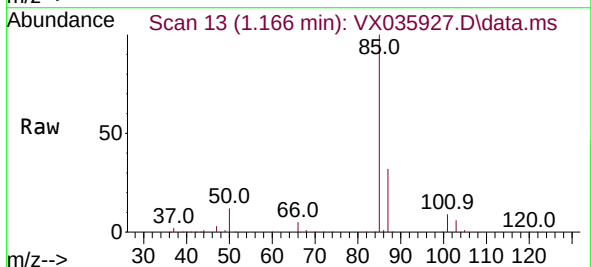
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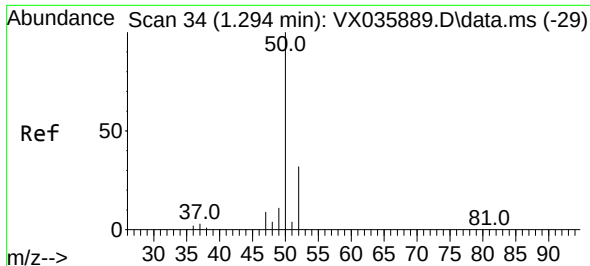
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#2
Dichlorodifluoromethane
Concen: 85.924 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 85 Resp: 228846
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





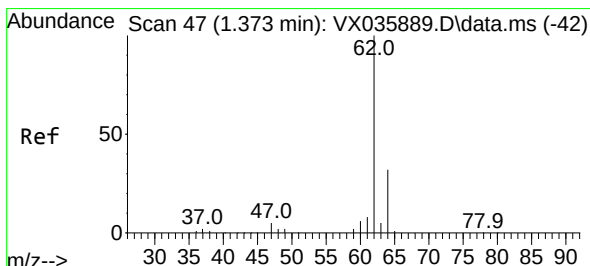
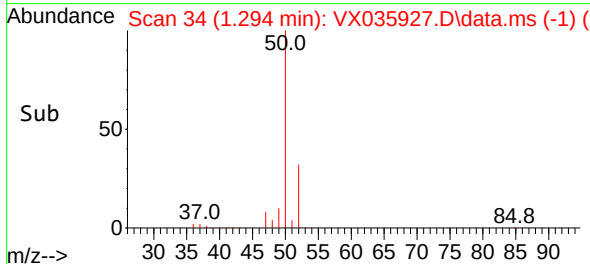
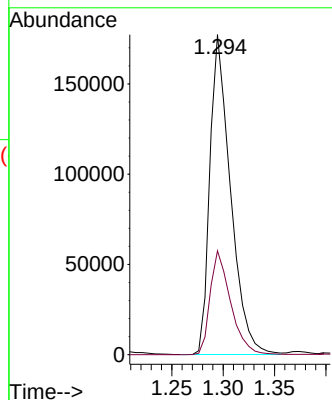
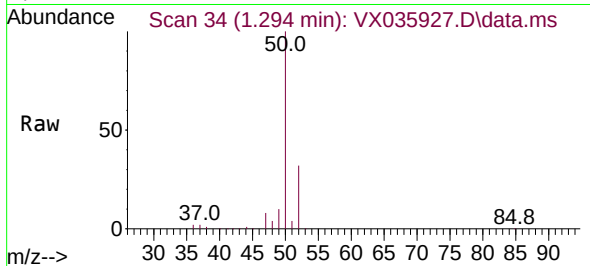
#3
Chloromethane
Concen: 90.040 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035927.D
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Tgt Ion: 50 Resp: 24726
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

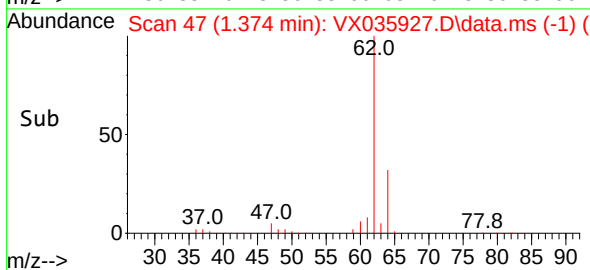
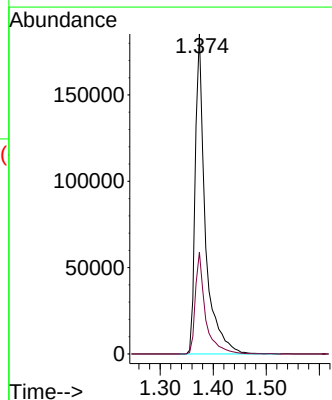
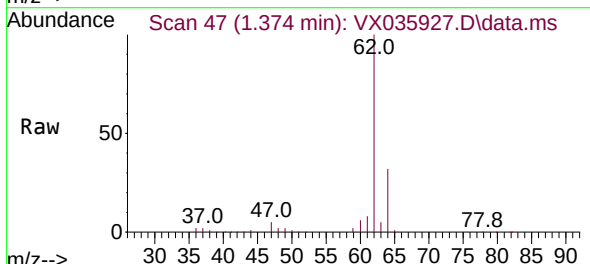
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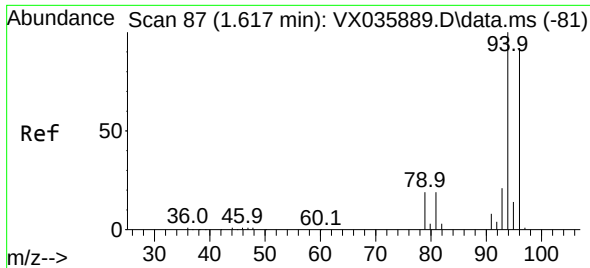
Reviewed By :John Carlone 06/01/2023
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#4
Vinyl Chloride
Concen: 92.687 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035927.D
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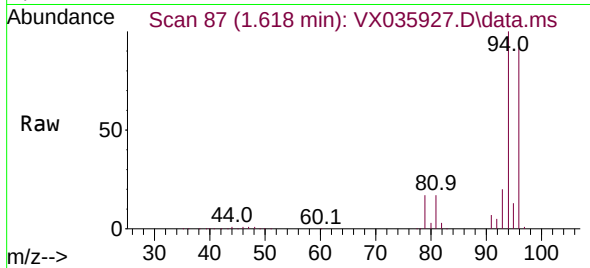
Tgt Ion: 62 Resp: 244497
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8





#5
Bromomethane
Concen: 101.000 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035927.D
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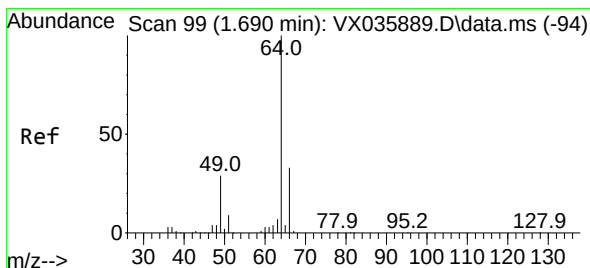
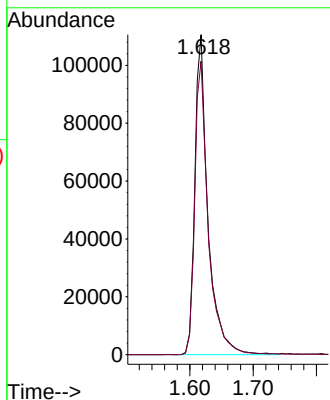
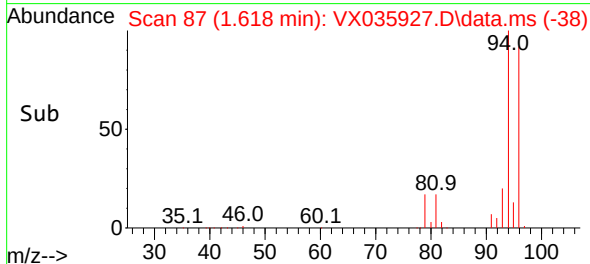
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 159662
Ion Ratio Lower Upper
94 100
96 91.7 73.5 110.3

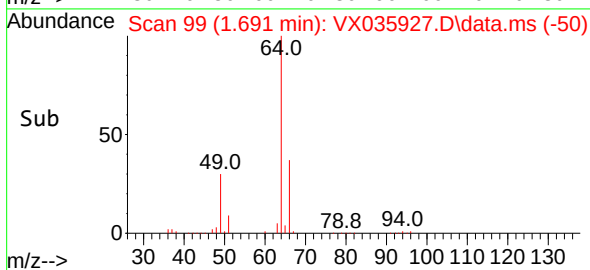
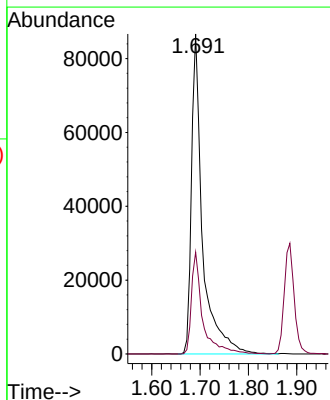
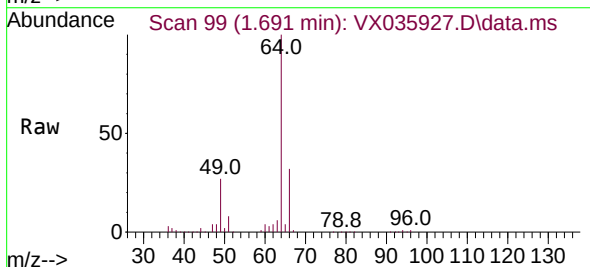
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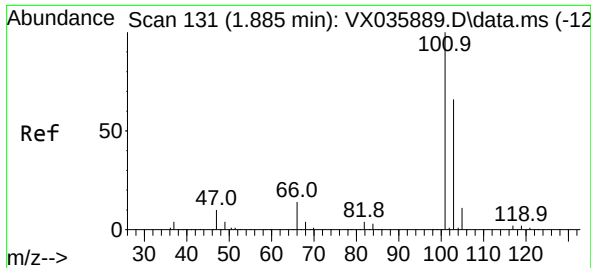
Reviewed By :John Carlone 06/01/2023
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#6
Chloroethane
Concen: 93.200 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035927.D
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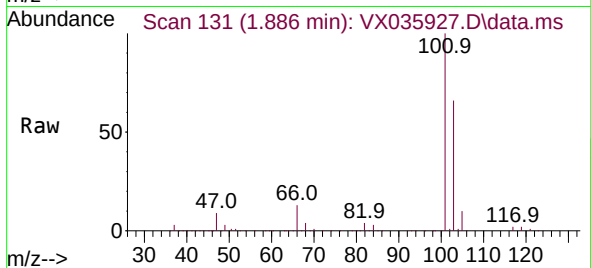
Tgt Ion: 64 Resp: 137369
Ion Ratio Lower Upper
64 100
66 31.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 83.575 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
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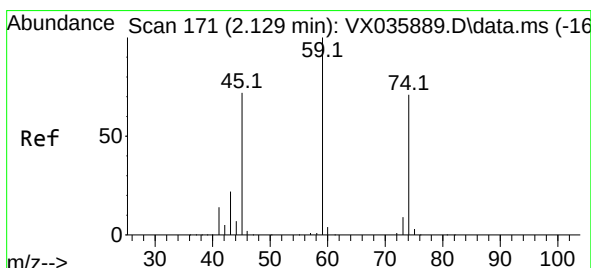
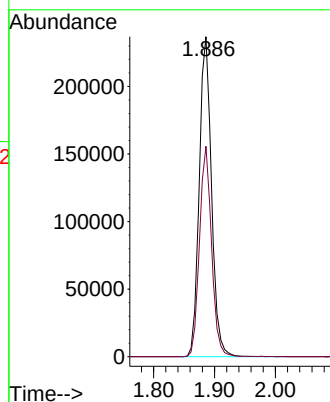
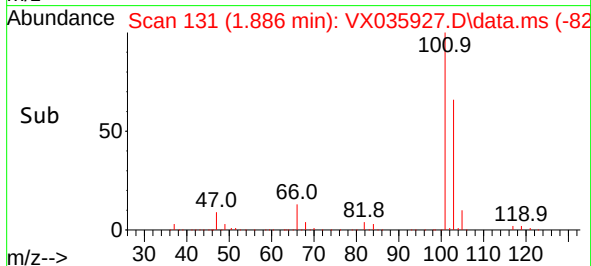
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



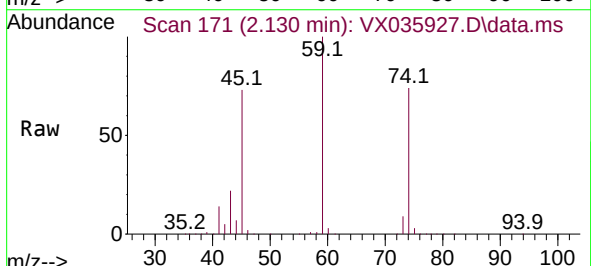
Tgt Ion:101 Resp: 330830
Ion Ratio Lower Upper
101 100
103 65.7 53.2 79.8

Manual Integrations
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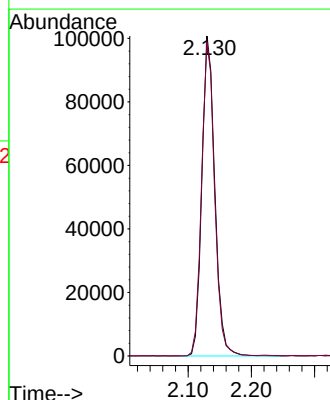
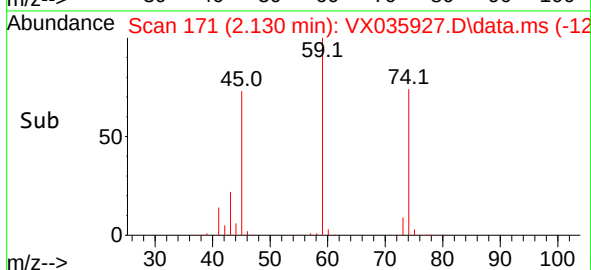
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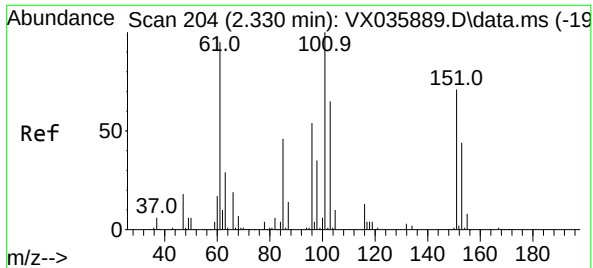


#8
Diethyl Ether
Concen: 98.717 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 143505
Ion Ratio Lower Upper
74 100
45 99.2 50.6 151.9





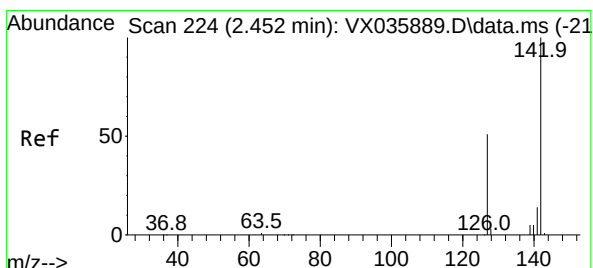
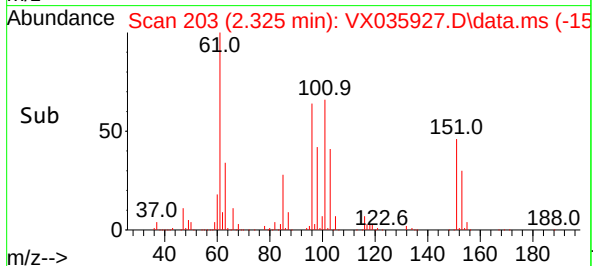
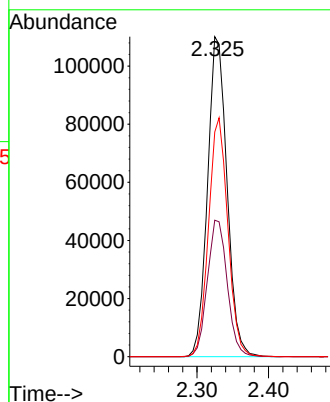
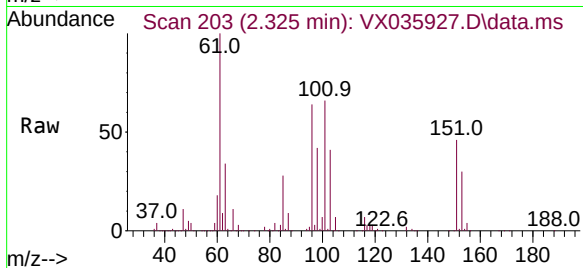
#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.621 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035927.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 20793
Ion Ratio Lower Upper
101 100
85 43.7 37.3 55.9
151 74.1 57.0 85.6

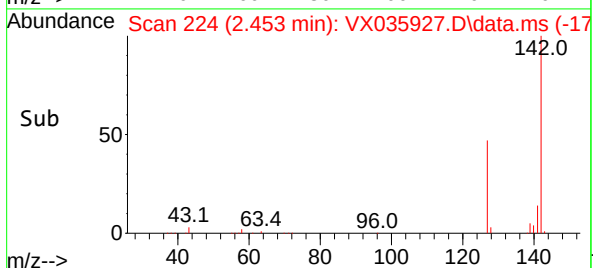
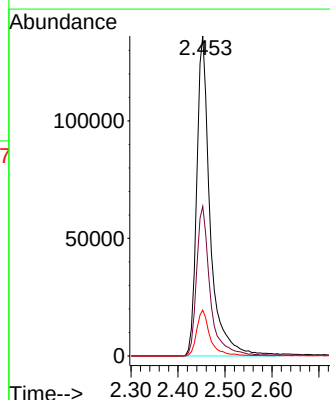
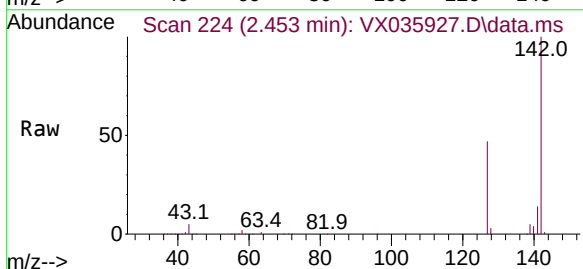
Manual Integrations
APPROVED

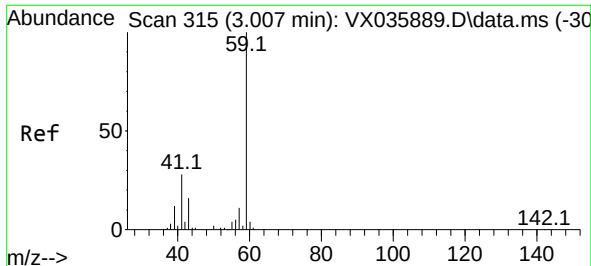
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#10
Methyl Iodide
Concen: 114.554 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

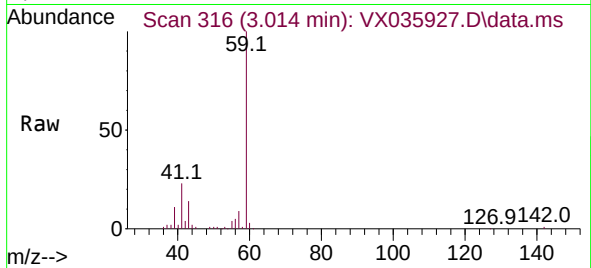
Tgt Ion:142 Resp: 272657
Ion Ratio Lower Upper
142 100
127 47.3 40.3 60.5
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 466.104 ug/l m
RT: 3.014 min Scan# 315
Delta R.T. 0.006 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

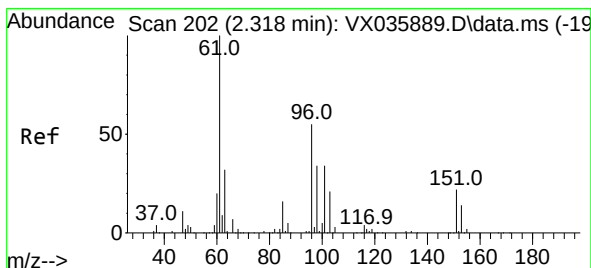
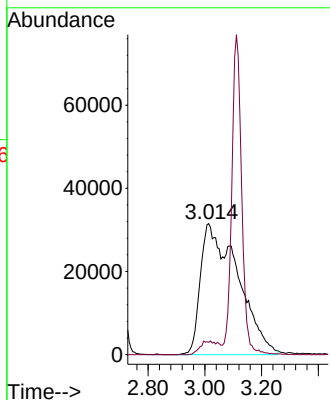
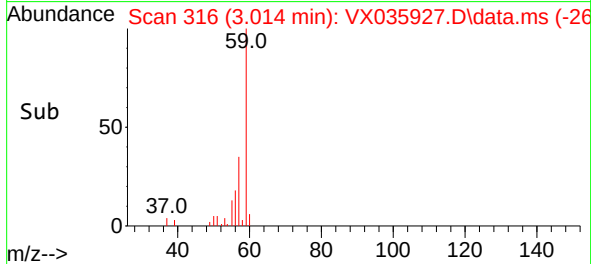
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 288874
Ion Ratio Lower Upper
59 100
57 2.5 6.0 9.0

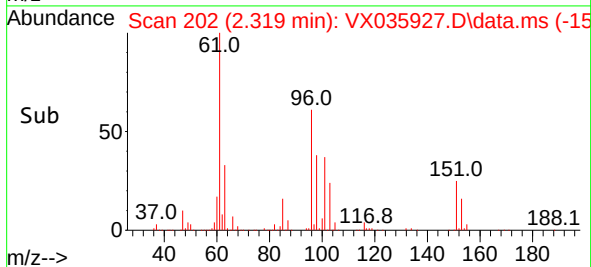
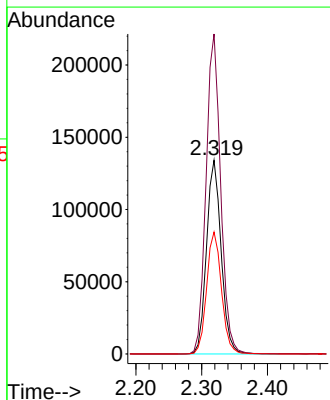
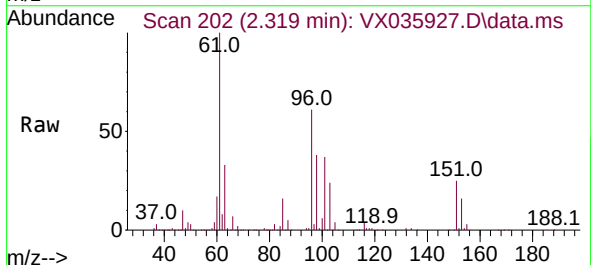
Manual Integrations
APPROVED

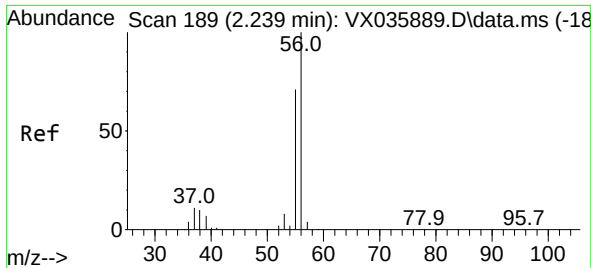
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#12
1,1-Dichloroethene
Concen: 94.617 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

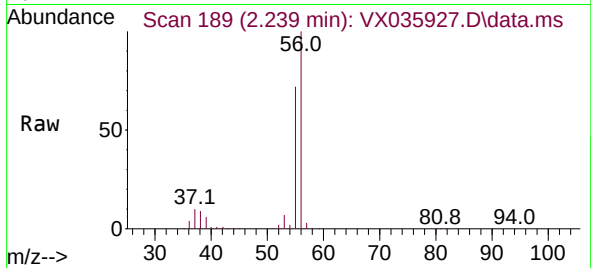
Tgt Ion: 96 Resp: 208080
Ion Ratio Lower Upper
96 100
61 165.1 145.2 217.8
98 62.9 49.3 73.9





#13
Acrolein
Concen: 446.742 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

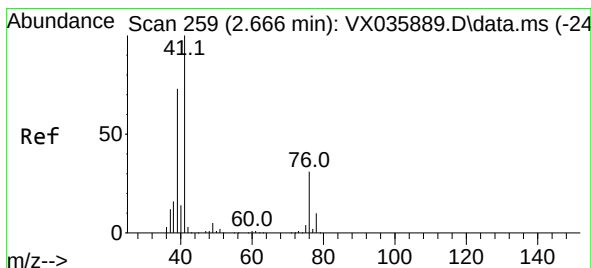
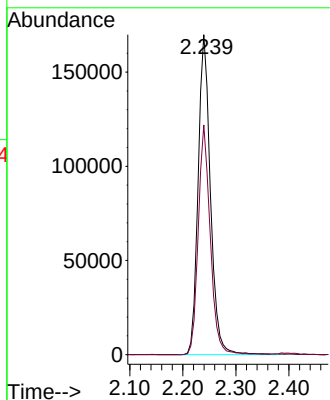
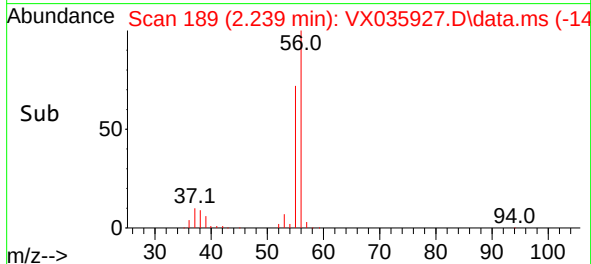
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 27456
Ion Ratio Lower Upper
56 100
55 70.2 57.3 85.9

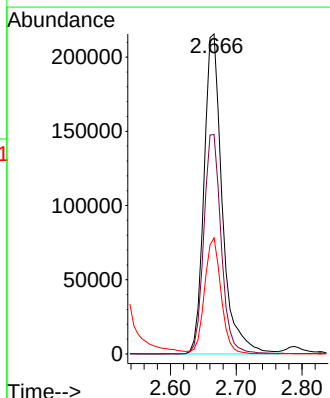
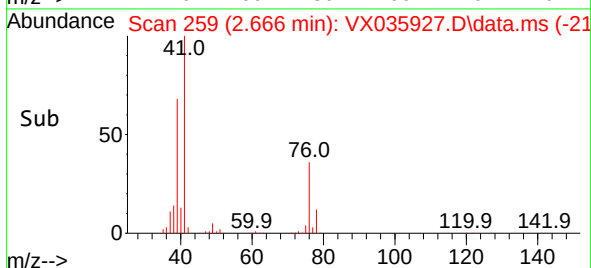
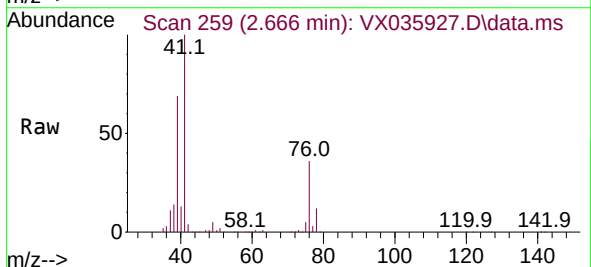
Manual Integrations
APPROVED

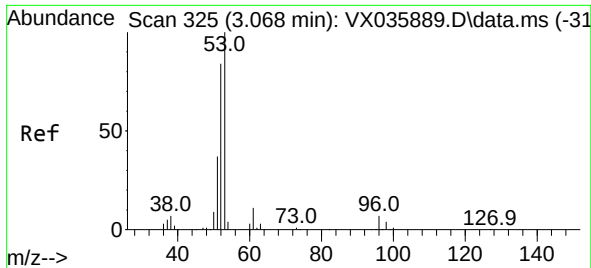
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#14
Allyl chloride
Concen: 96.196 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 41 Resp: 417937
Ion Ratio Lower Upper
41 100
39 65.3 56.9 85.3
76 32.8 24.1 36.1





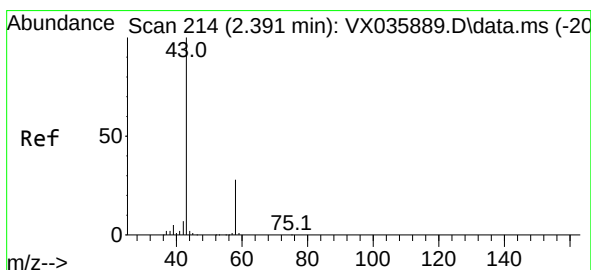
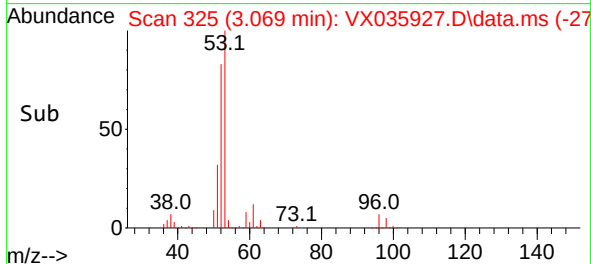
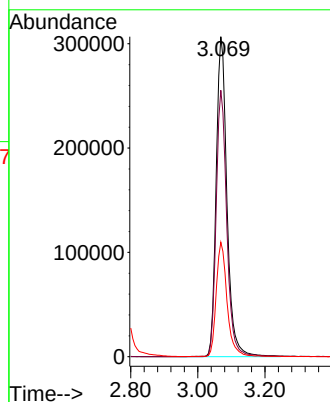
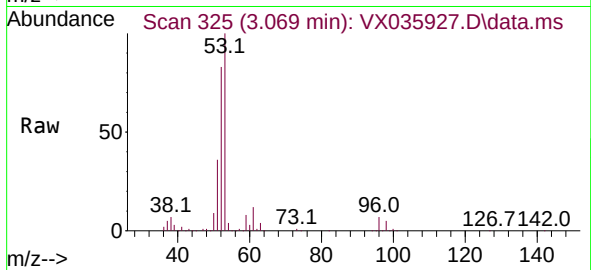
#15
Acrylonitrile
Concen: 482.398 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 683874
Ion Ratio Lower Upper
53 100
52 82.1 67.0 100.4
51 35.8 29.8 44.8

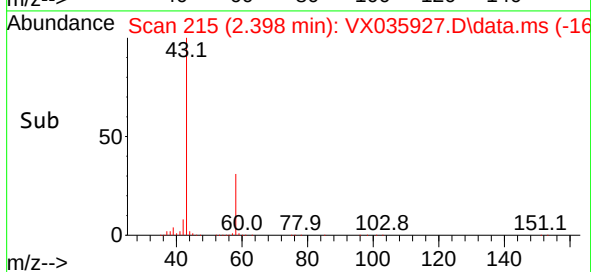
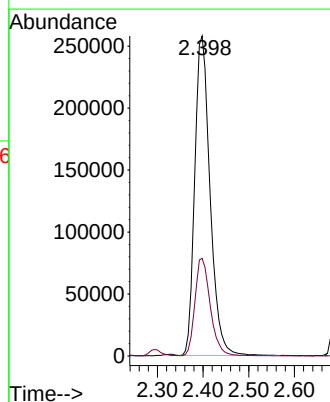
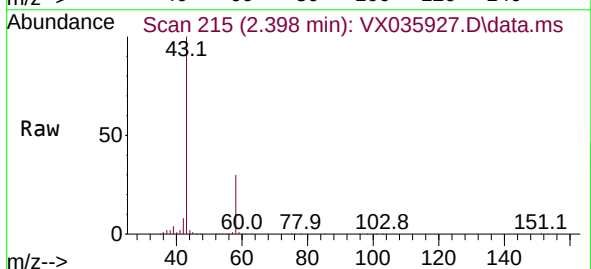
Manual Integrations
APPROVED

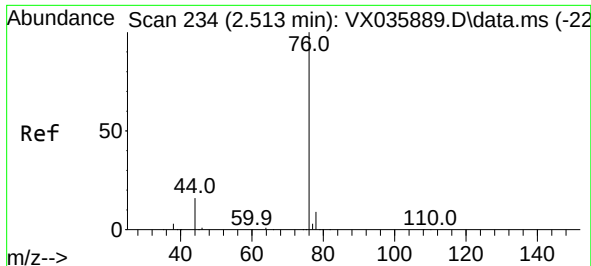
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#16
Acetone
Concen: 417.142 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

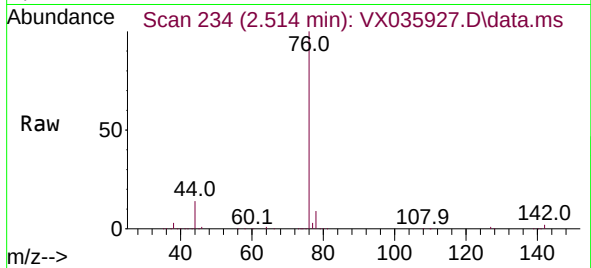
Tgt Ion: 43 Resp: 599355
Ion Ratio Lower Upper
43 100
58 30.5 22.2 33.2





#17
Carbon Disulfide
Concen: 104.442 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

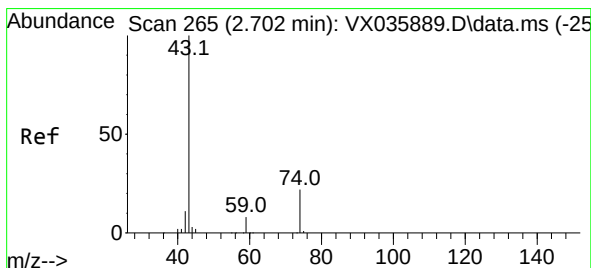
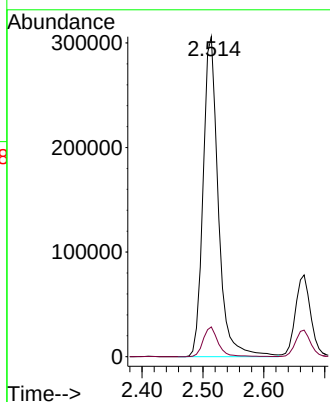
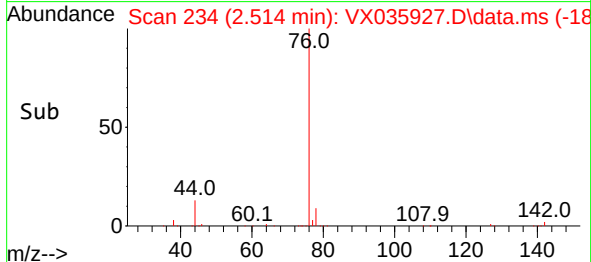
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 532010
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

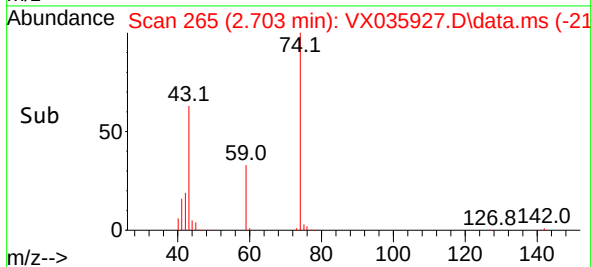
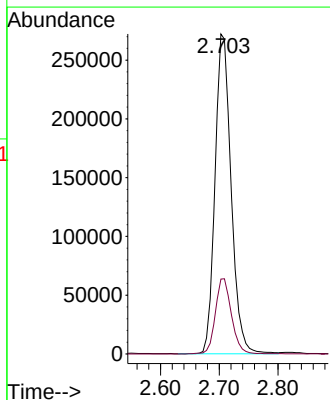
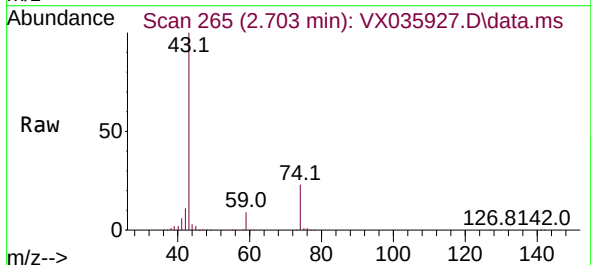
Manual Integrations
APPROVED

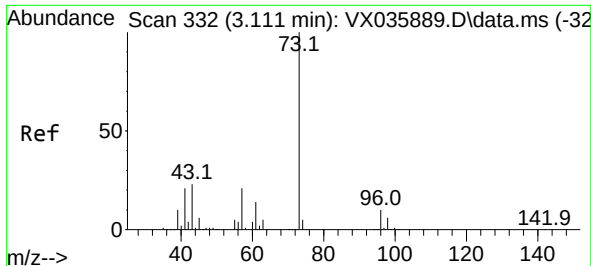
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#18
Methyl Acetate
Concen: 93.268 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 43 Resp: 517434
Ion Ratio Lower Upper
43 100
74 23.7 17.7 26.5





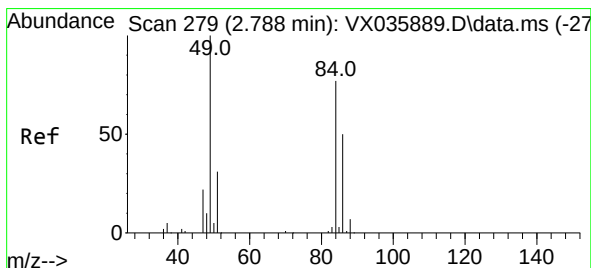
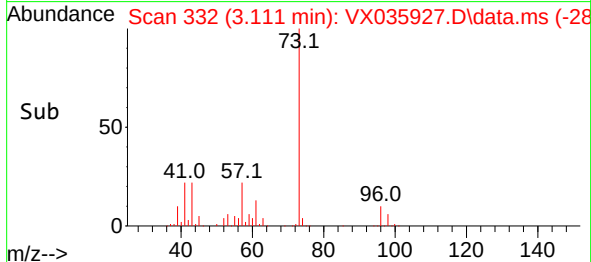
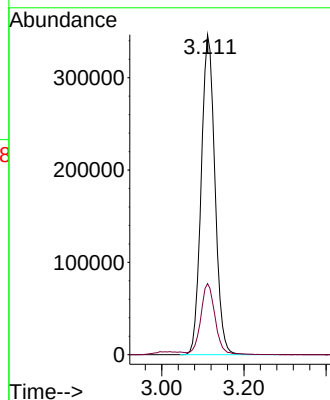
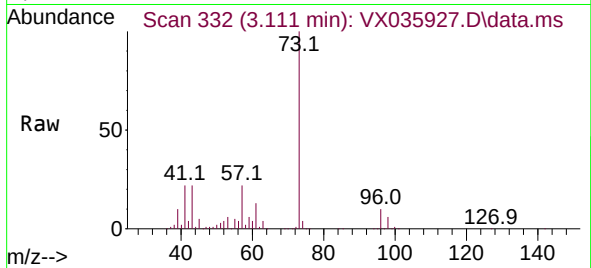
#19
Methyl tert-butyl Ether
Concen: 94.637 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 802439
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

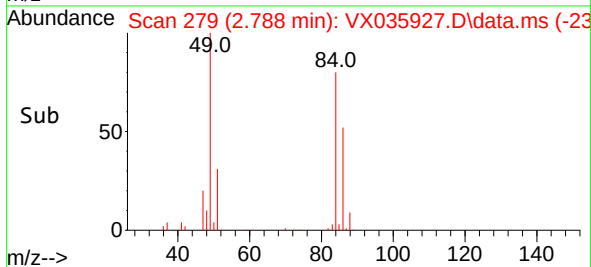
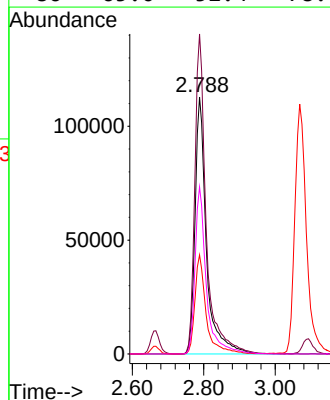
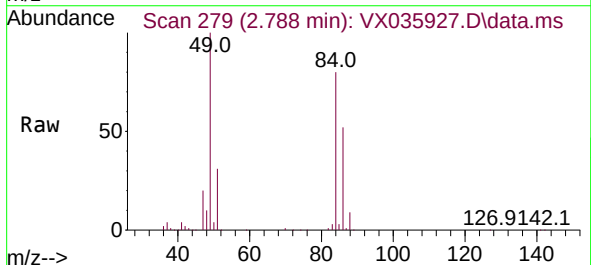
Manual Integrations
APPROVED

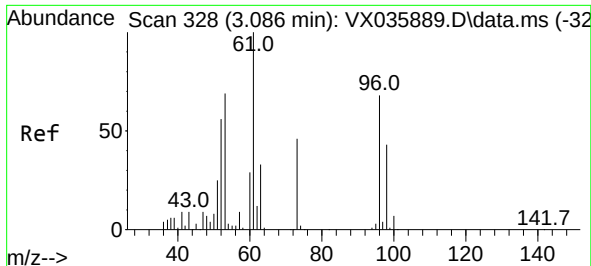
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#20
Methylene Chloride
Concen: 75.828 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

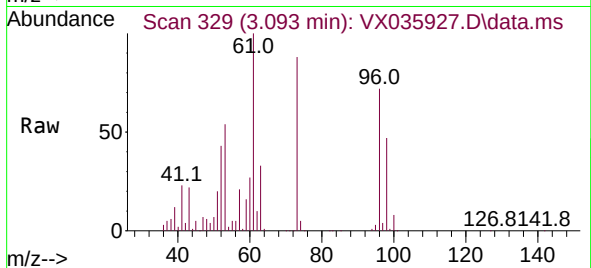
Tgt Ion: 84 Resp: 251021
Ion Ratio Lower Upper
84 100
49 124.5 104.6 156.8
51 38.5 32.2 48.4
86 65.0 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 95.674 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

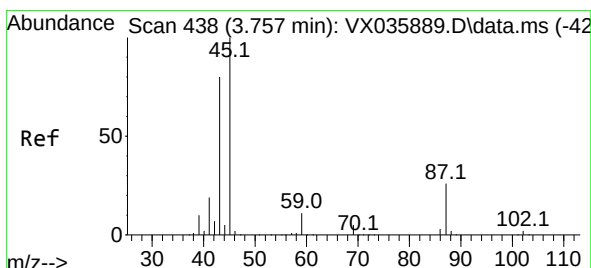
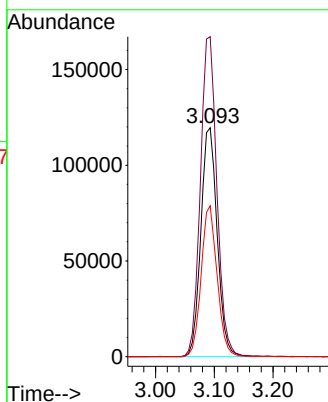
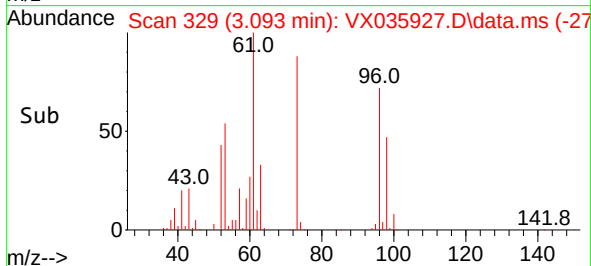
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



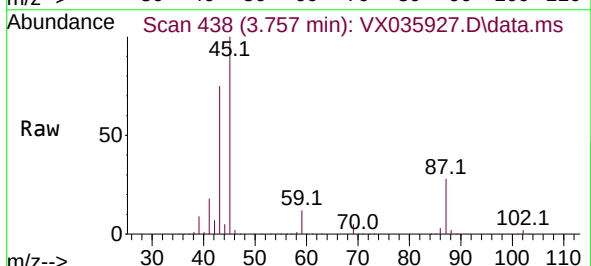
Tgt Ion: 96 Resp: 23194
Ion Ratio Lower Upper
96 100
61 139.7 118.2 177.4
98 65.9 50.6 75.8

Manual Integrations
APPROVED

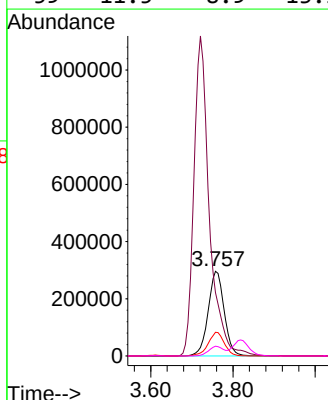
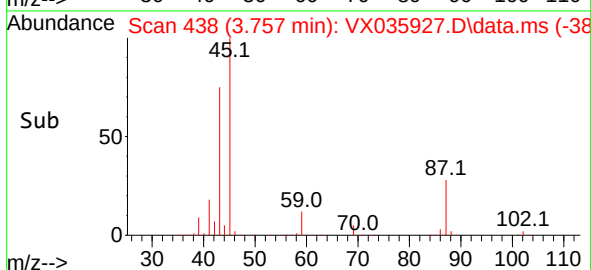
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

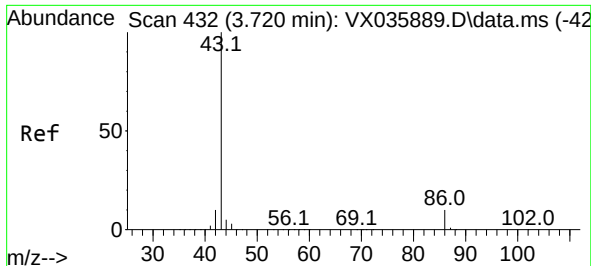


#22
Diisopropyl ether
Concen: 91.726 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



Tgt Ion: 45 Resp: 800243
Ion Ratio Lower Upper
45 100
43 74.7 63.8 95.6
87 28.1 20.6 31.0
59 11.5 8.9 13.3





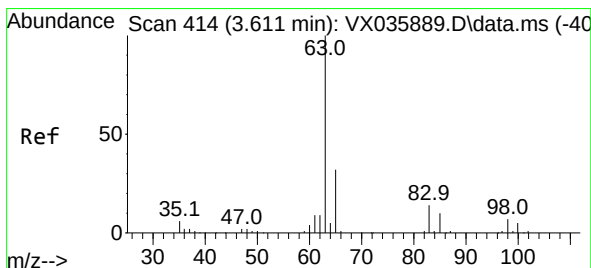
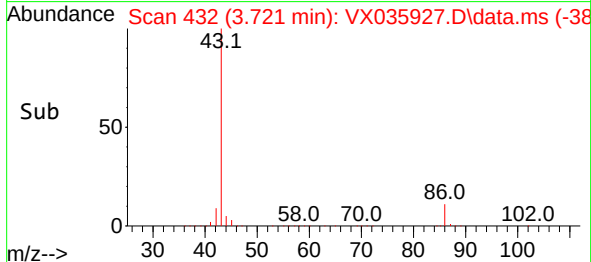
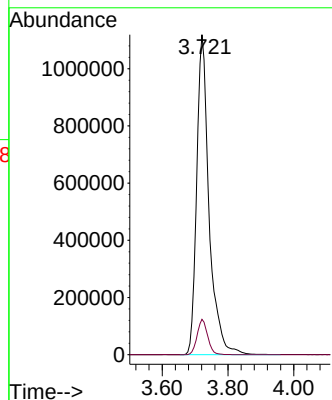
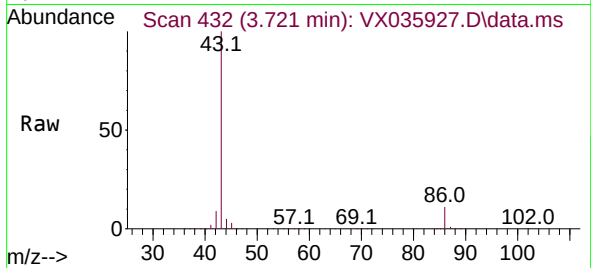
#23
 Vinyl Acetate
 Concen: 481.444 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035927.D
 Acq: 31 May 2023 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 292592
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.6

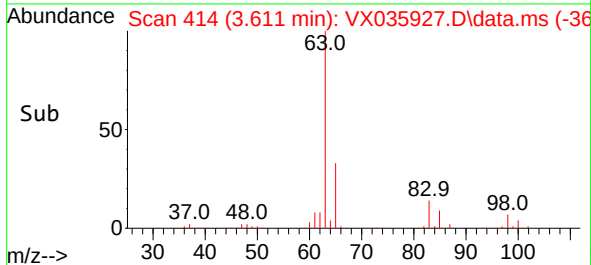
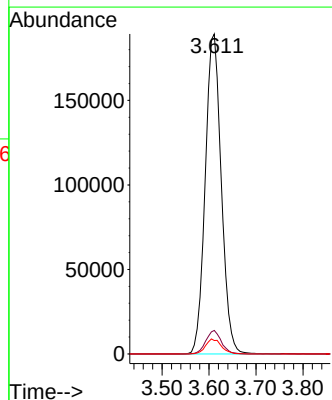
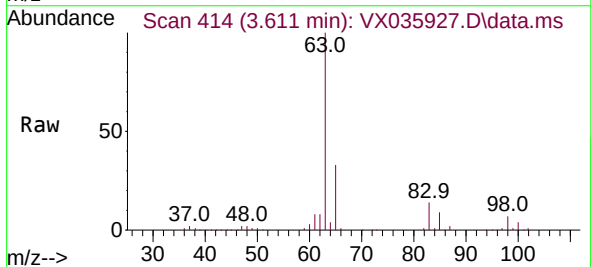
Manual Integrations
 APPROVED

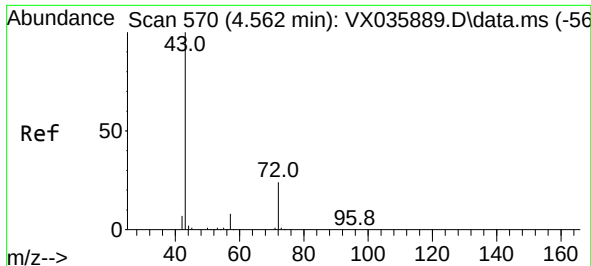
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023



#24
 1,1-Dichloroethane
 Concen: 93.144 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035927.D
 Acq: 31 May 2023 11:36

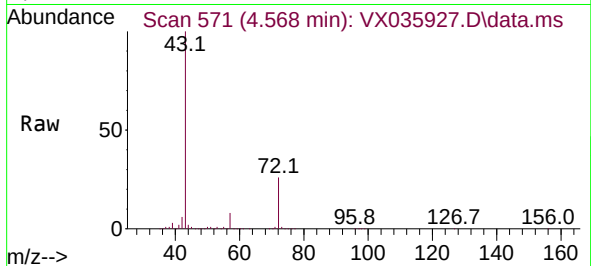
Tgt Ion: 63 Resp: 448453
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.2 2.3 6.9





#25
2-Butanone
Concen: 461.336 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

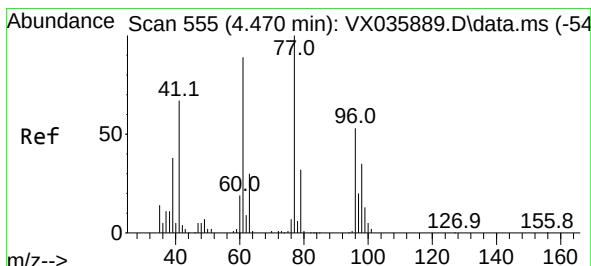
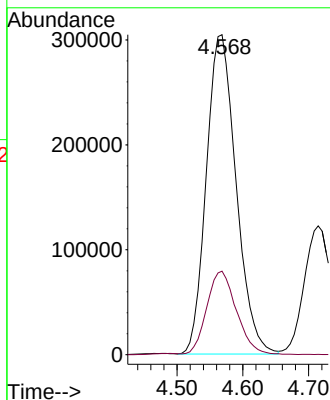
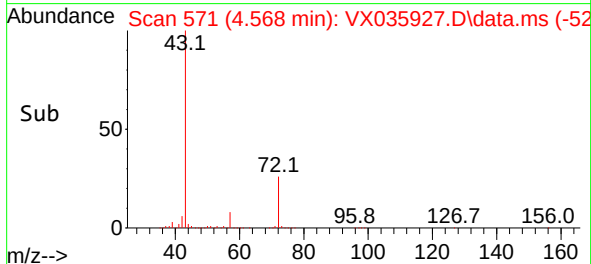
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 95880
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2

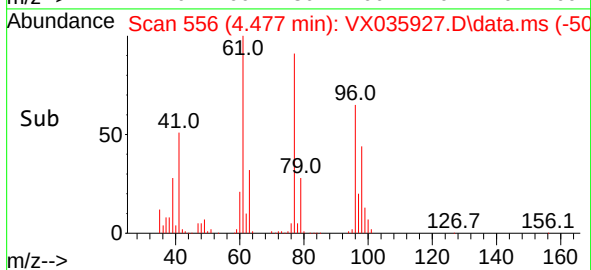
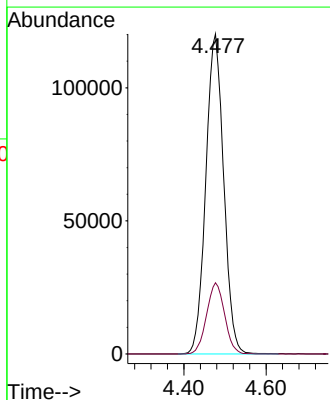
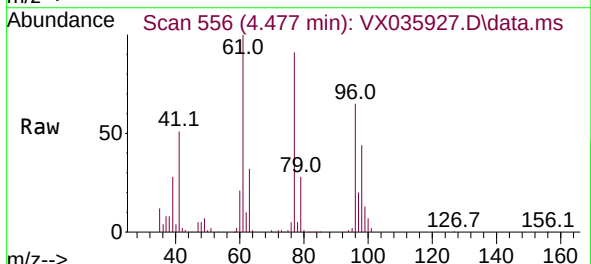
Manual Integrations
APPROVED

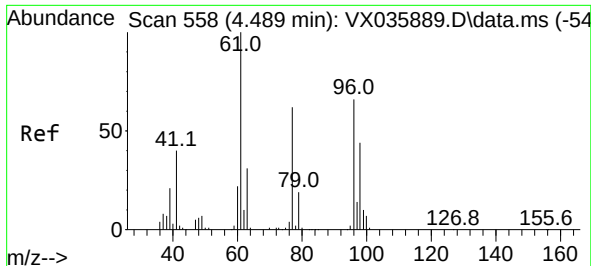
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#26
2,2-Dichloropropane
Concen: 97.594 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 77 Resp: 362341
Ion Ratio Lower Upper
77 100
97 22.4 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 99.302 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 280038

Ion Ratio Lower Upper

96 100

61 147.3 0.0 312.6

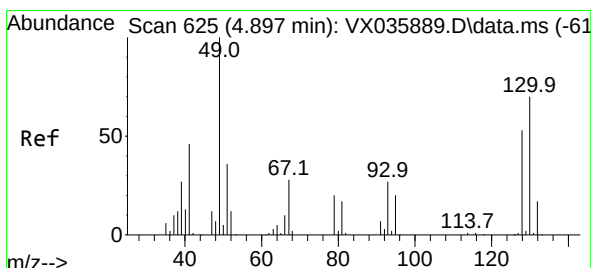
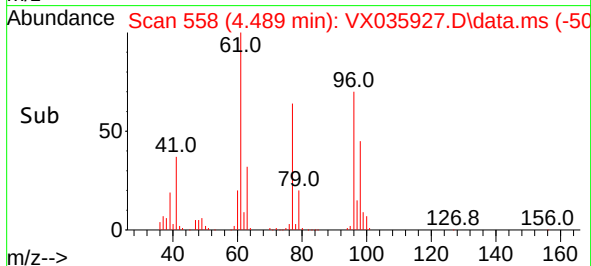
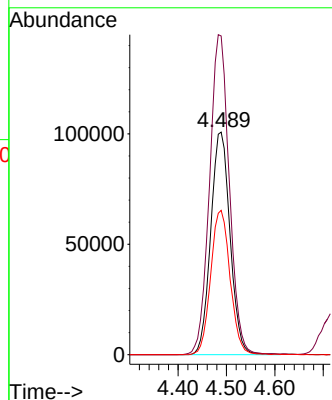
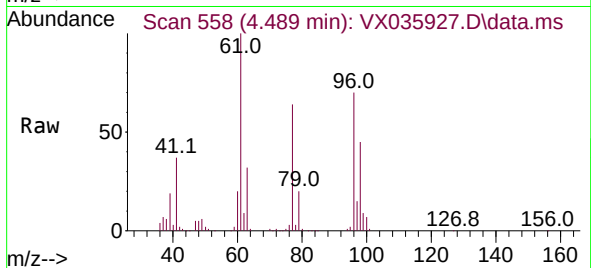
98 65.0 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#28

Bromochloromethane

Concen: 94.666 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

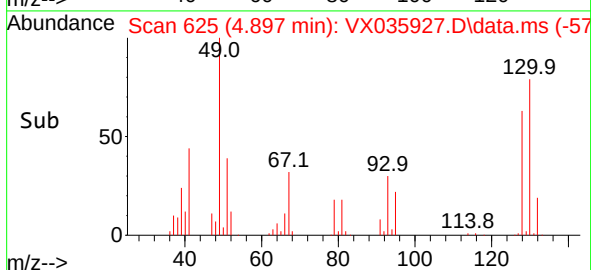
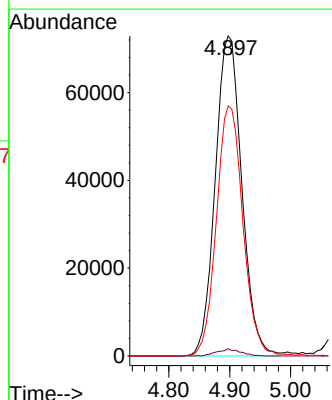
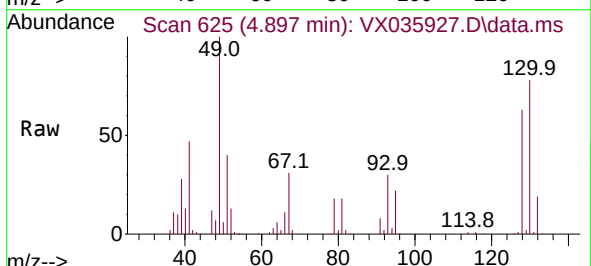
Tgt Ion: 49 Resp: 220862

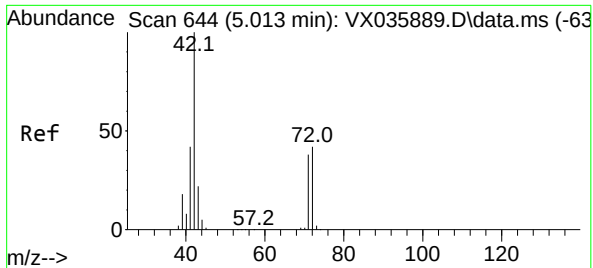
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 78.1 55.8 83.8





#29

Tetrahydrofuran

Concen: 464.018 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

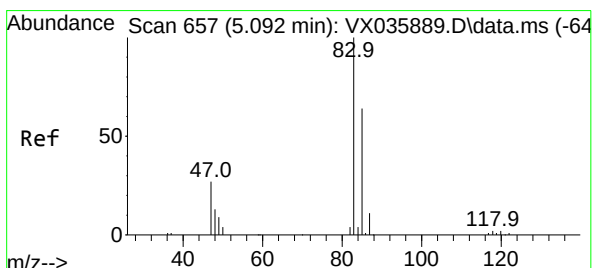
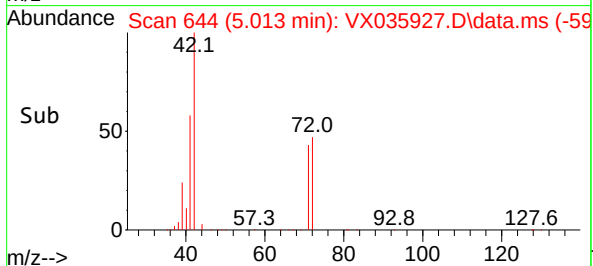
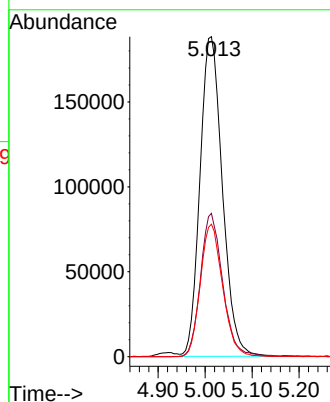
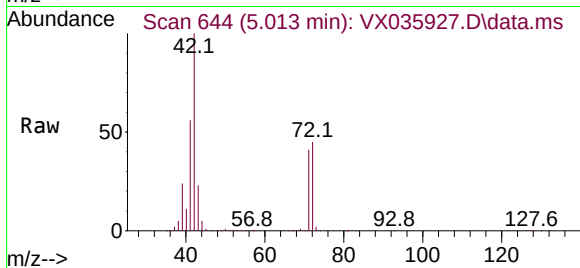
Tgt Ion: 42 Resp: 623924
 Ion Ratio Lower Upper
 42 100
 72 44.2 34.2 51.2
 71 41.2 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#30

Chloroform

Concen: 93.319 ug/l

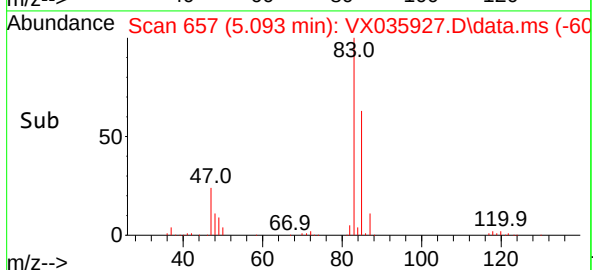
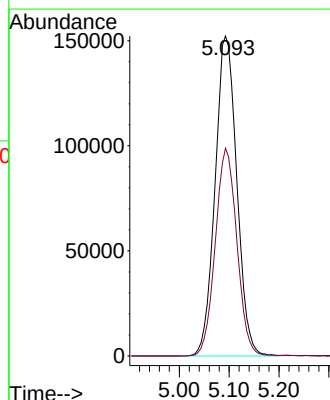
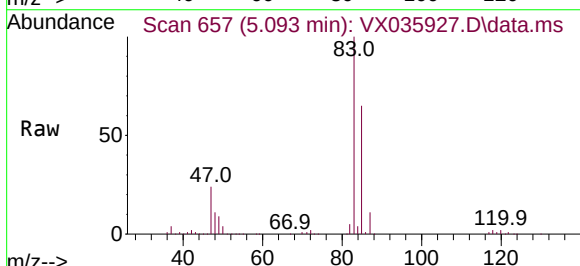
RT: 5.093 min Scan# 657

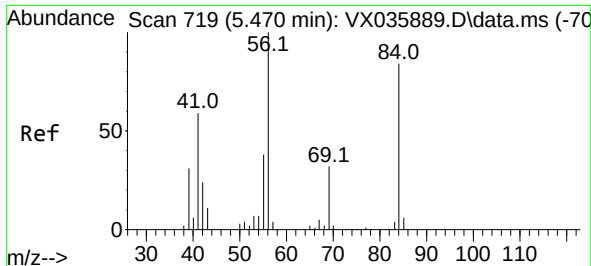
Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

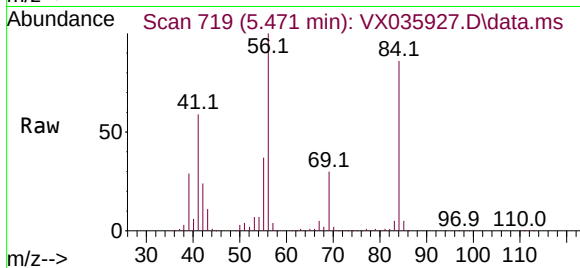
Tgt Ion: 83 Resp: 460924
 Ion Ratio Lower Upper
 83 100
 85 65.0 51.0 76.4





#31
Cyclohexane
Concen: 86.165 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

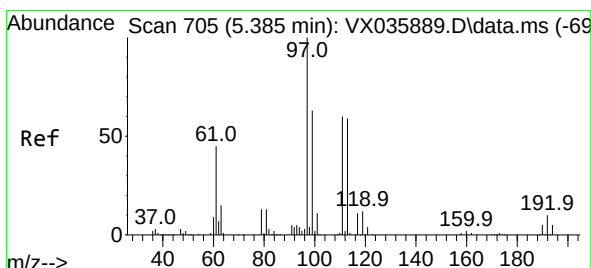
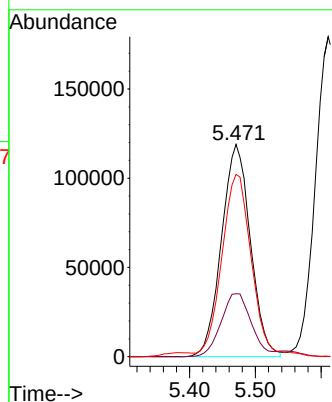
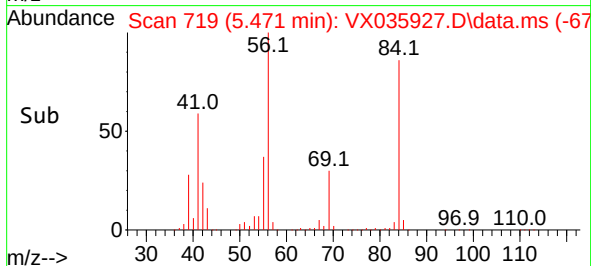
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 364229
Ion Ratio Lower Upper
56 100
69 29.6 25.9 38.9
84 84.0 67.6 101.4

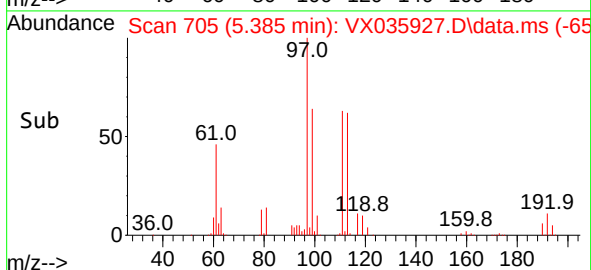
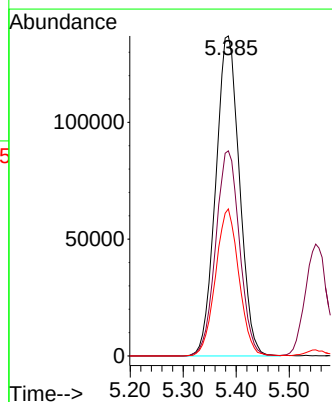
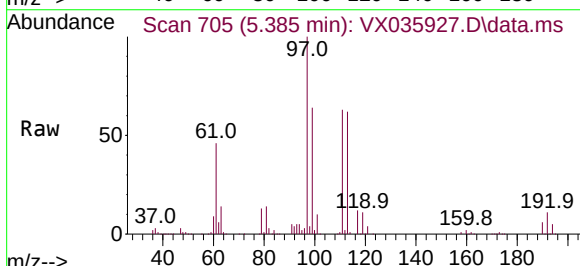
Manual Integrations
APPROVED

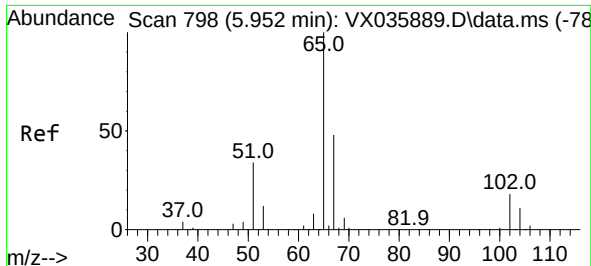
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#32
1,1,1-Trichloroethane
Concen: 99.831 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 97 Resp: 426068
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 45.4 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 93.589 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 333079

Ion Ratio Lower Upper

65 100

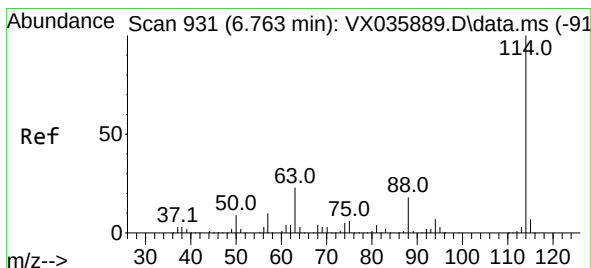
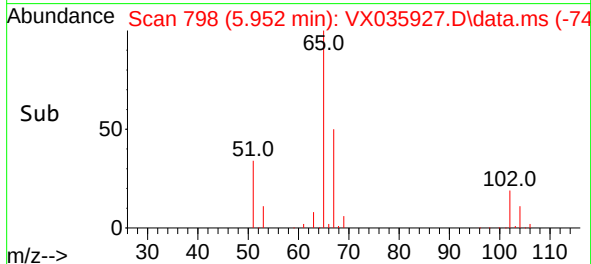
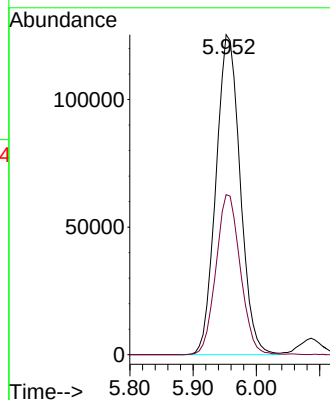
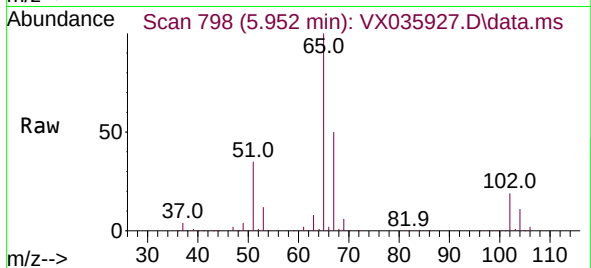
67 50.2 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

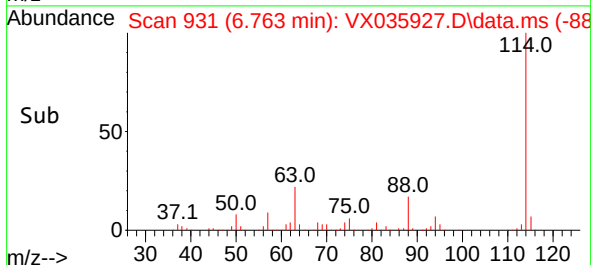
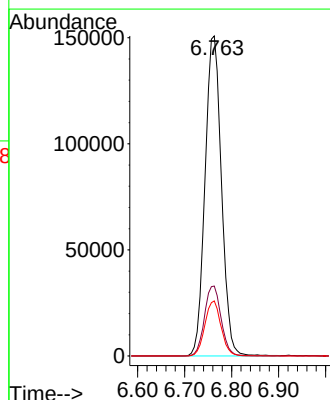
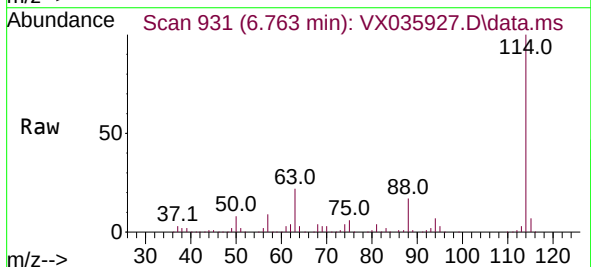
Tgt Ion:114 Resp: 365141

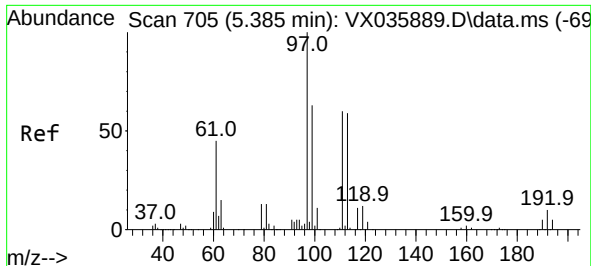
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.0

88 17.2 0.0 35.2





#35

Dibromofluoromethane

Concen: 98.220 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035927.D

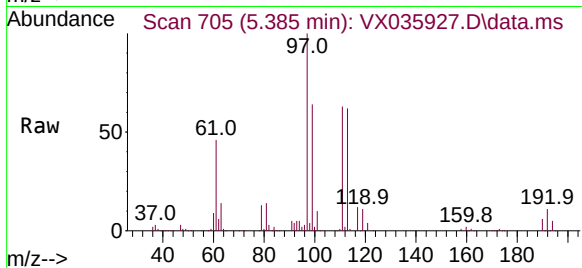
Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



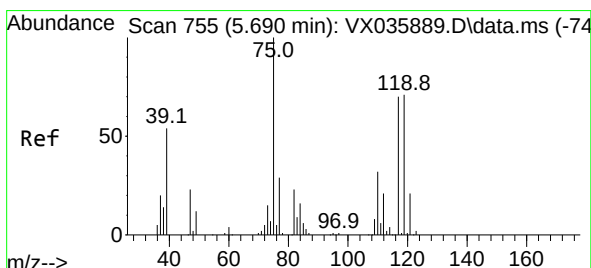
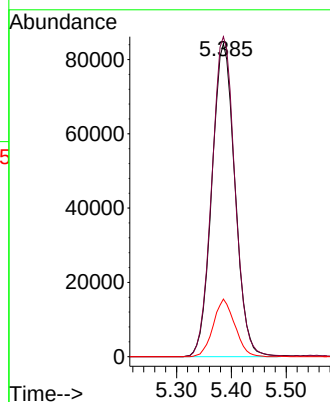
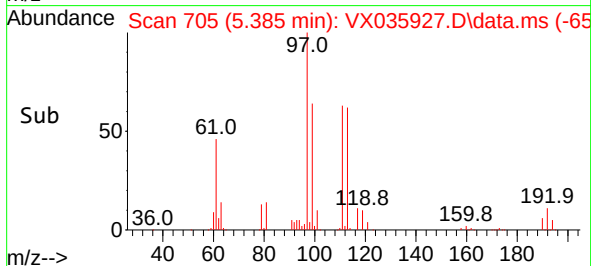
Tgt Ion:	113	Resp:	24635
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.7	122.5
192	17.2	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#36

1,1-Dichloropropene

Concen: 89.998 ug/l

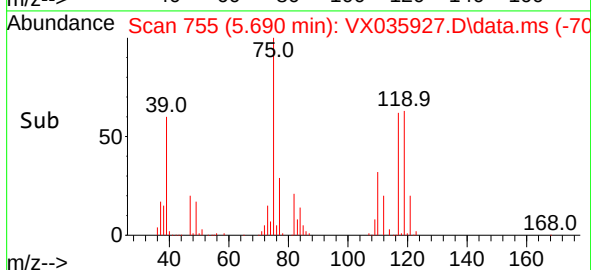
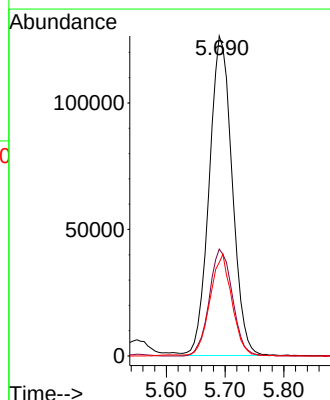
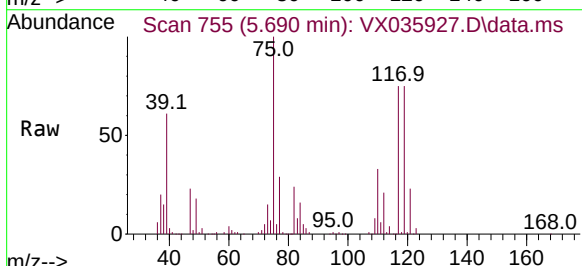
RT: 5.690 min Scan# 755

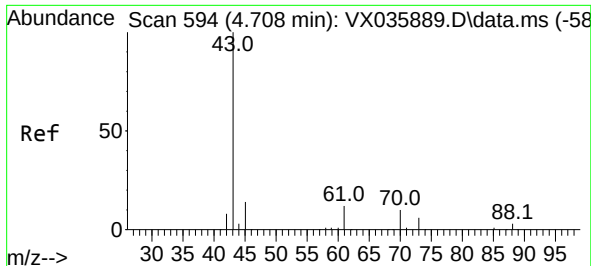
Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Tgt Ion:	75	Resp:	342761
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.6	49.7
77	30.3	24.4	36.6





#37

Ethyl Acetate

Concen: 89.174 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 367640

Ion Ratio Lower Upper

43 100

61 13.9 10.3 15.5

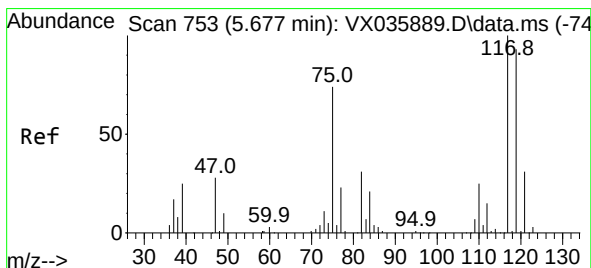
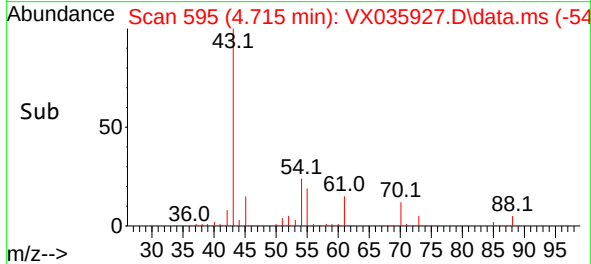
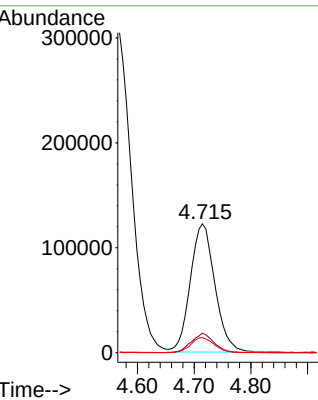
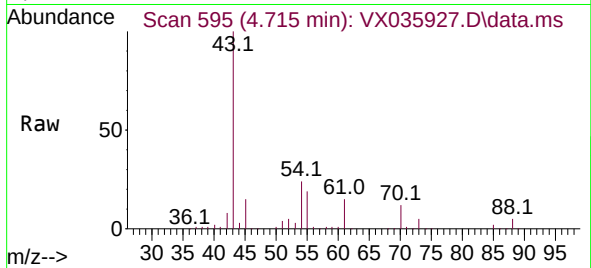
70 11.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#38

Carbon Tetrachloride

Concen: 97.727 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

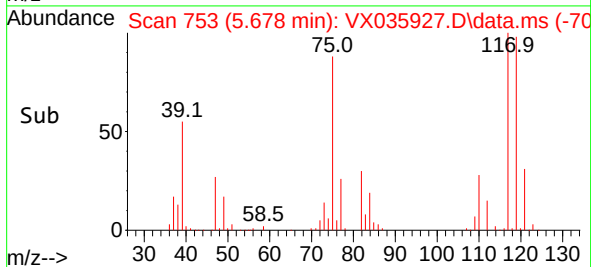
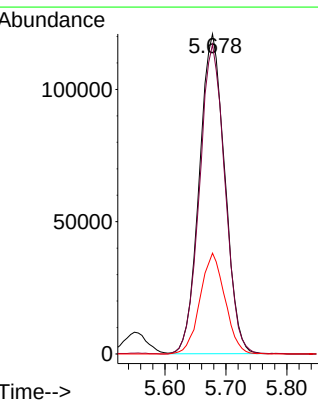
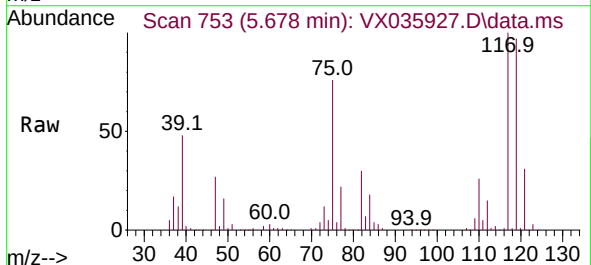
Tgt Ion:117 Resp: 350802

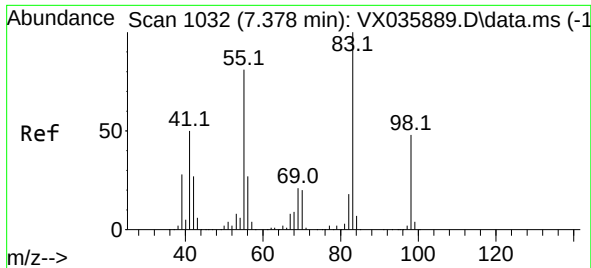
Ion Ratio Lower Upper

117 100

119 96.7 74.1 111.1

121 31.5 25.0 37.4





#39

Methylcyclohexane

Concen: 83.138 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 36128

Ion Ratio Lower Upper

83 100

55 80.7 64.9 97.3

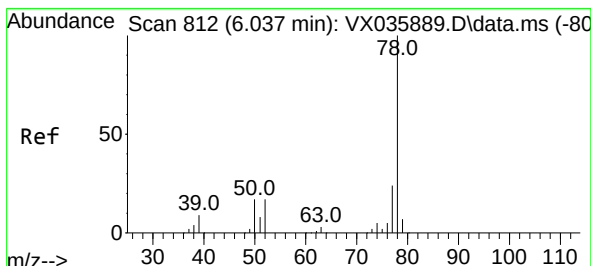
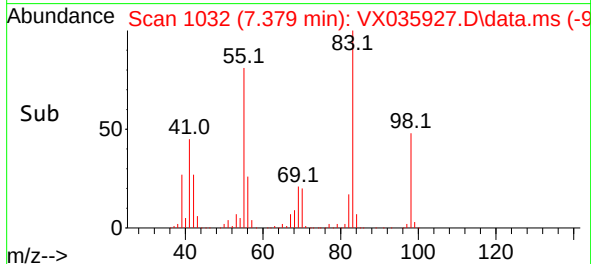
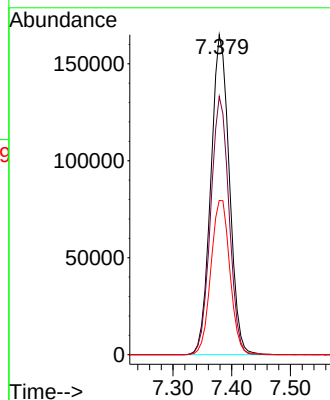
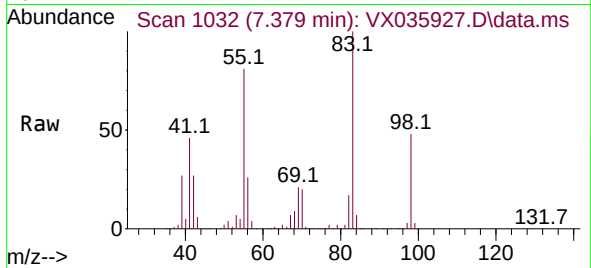
98 48.2 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#40

Benzene

Concen: 93.194 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035927.D

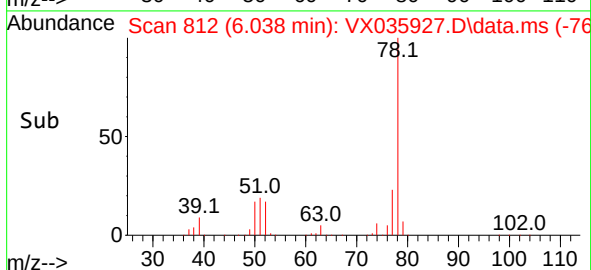
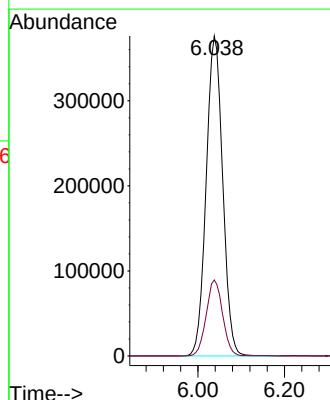
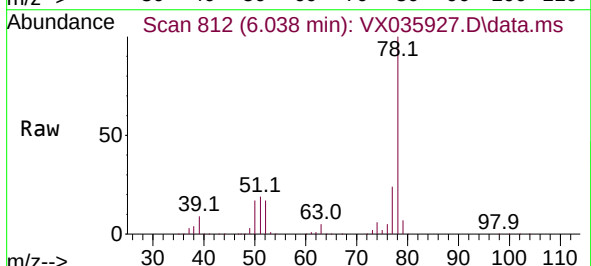
Acq: 31 May 2023 11:36

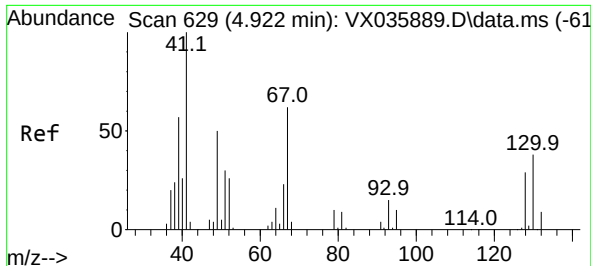
Tgt Ion: 78 Resp: 994127

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





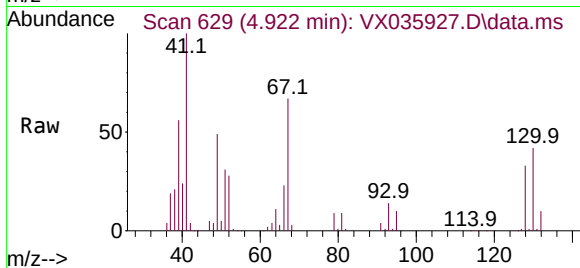
#41
Methacrylonitrile
Concen: 89.797 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



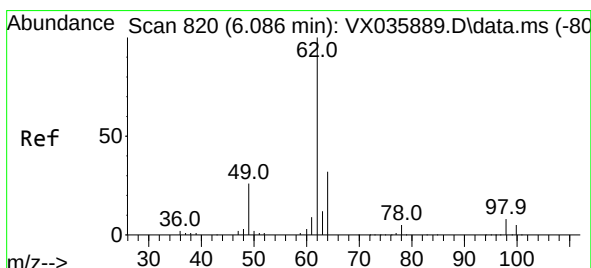
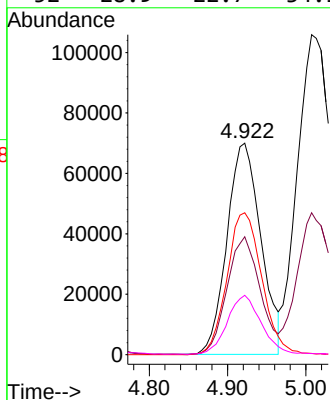
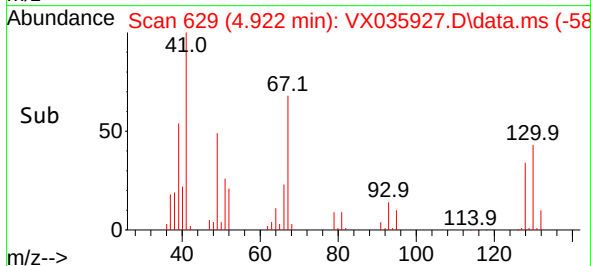
Tgt Ion: 41 Resp: 21074
Ion Ratio Lower Upper
41 100
39 54.8 45.6 68.4
67 69.0 51.8 77.6
52 28.9 22.7 34.1

Manual Integrations

APPROVED

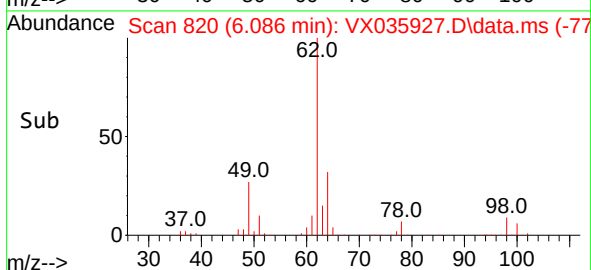
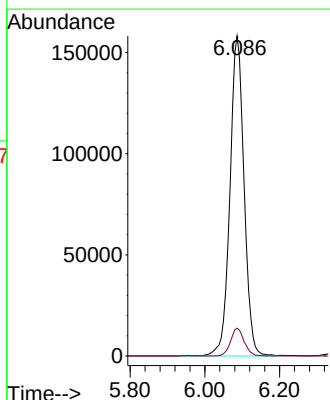
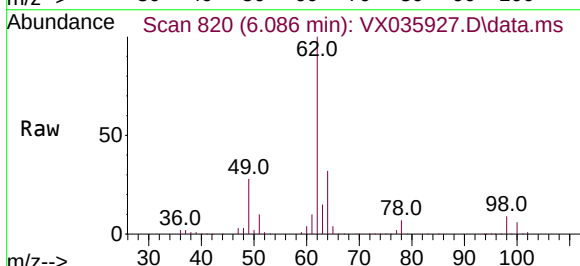
Reviewed By :John Carlone 06/01/2023

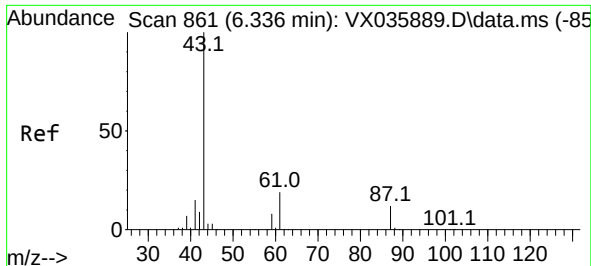
Supervised By :Mahesh Dadoda 06/01/2023



#42
1,2-Dichloroethane
Concen: 92.293 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 62 Resp: 415851
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 99.516 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 65746

Ion Ratio Lower Upper

43 100

61 19.1 15.0 22.4

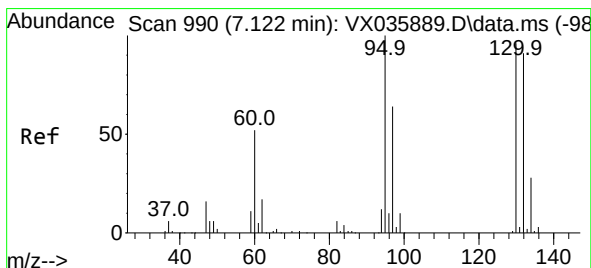
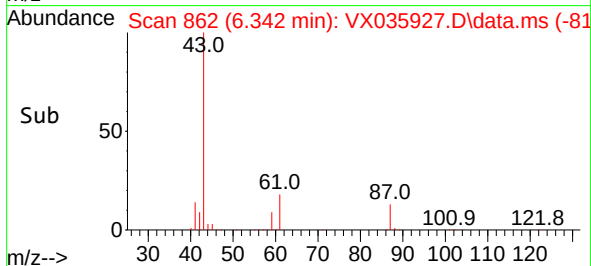
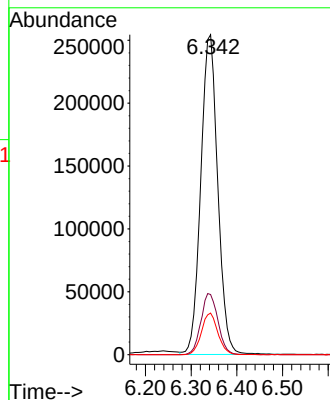
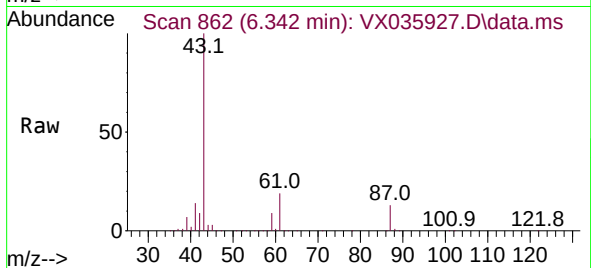
87 12.6 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#44

Trichloroethene

Concen: 96.506 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX035927.D

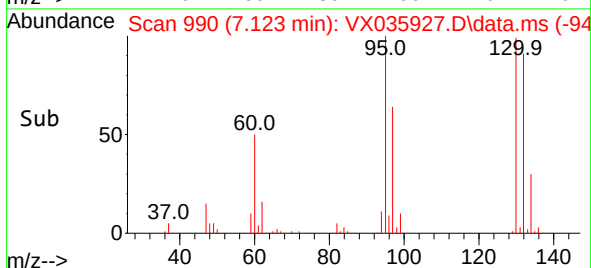
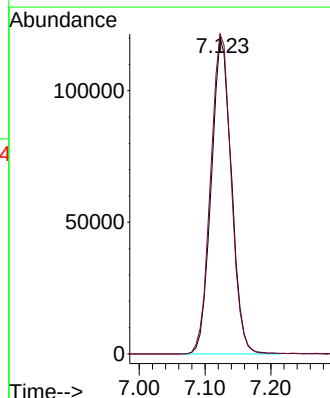
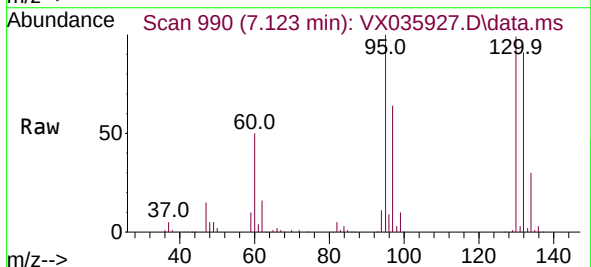
Acq: 31 May 2023 11:36

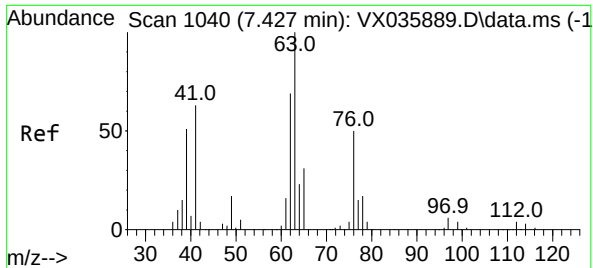
Tgt Ion:130 Resp: 256444

Ion Ratio Lower Upper

130 100

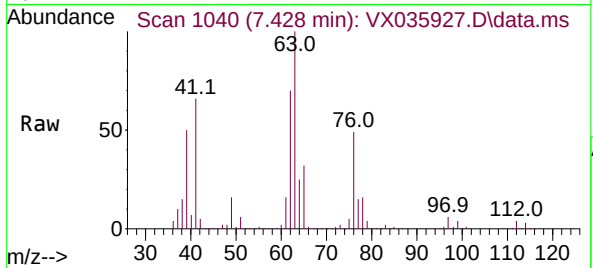
95 101.0 0.0 207.6





#45
1,2-Dichloropropane
Concen: 94.286 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

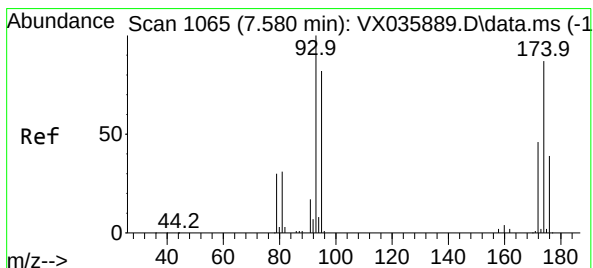
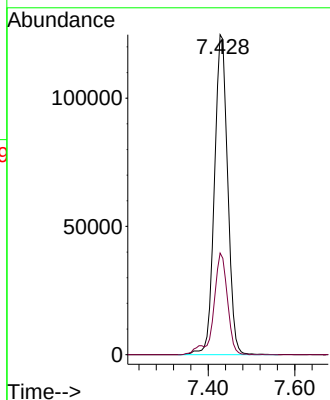
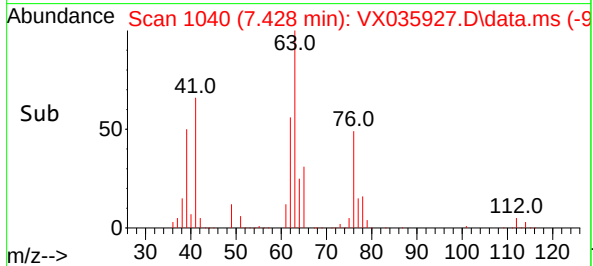
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 26523
Ion Ratio Lower Upper
63 100
65 31.8 24.8 37.2

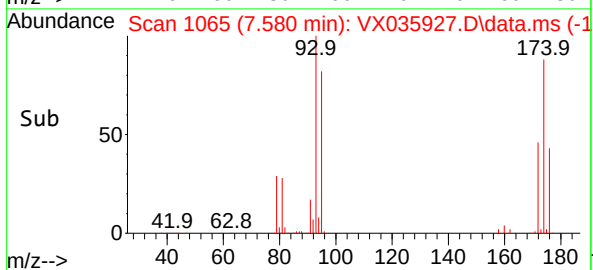
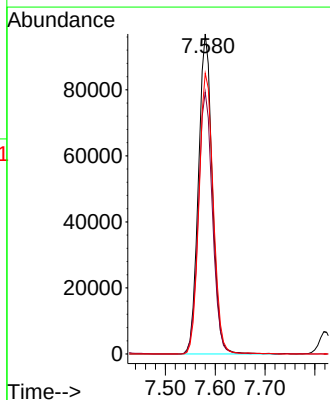
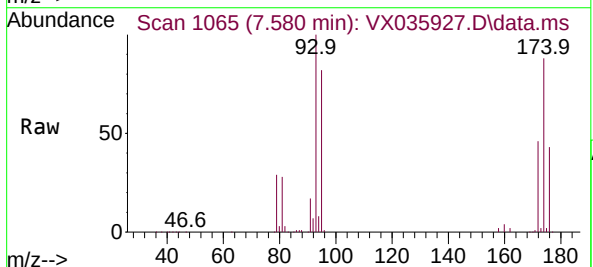
Manual Integrations
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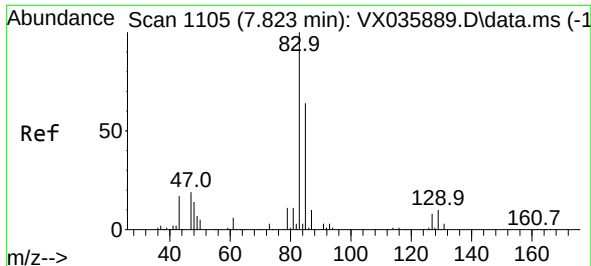
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#46
Dibromomethane
Concen: 96.841 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

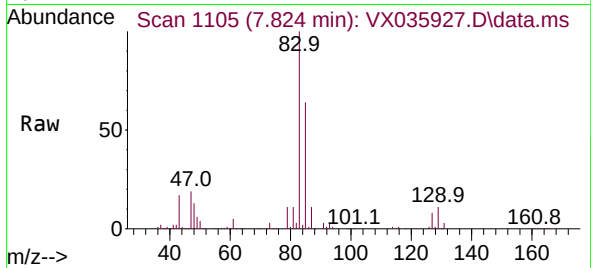
Tgt Ion: 93 Resp: 187056
Ion Ratio Lower Upper
93 100
95 83.2 66.2 99.2
174 90.2 69.5 104.3





#47
Bromodichloromethane
Concen: 104.558 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

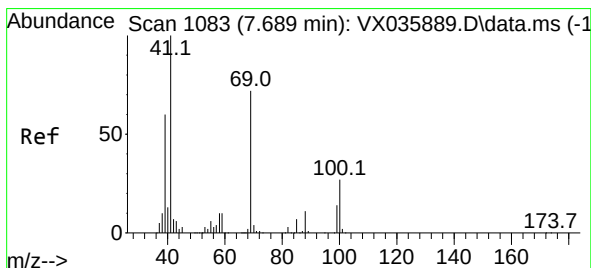
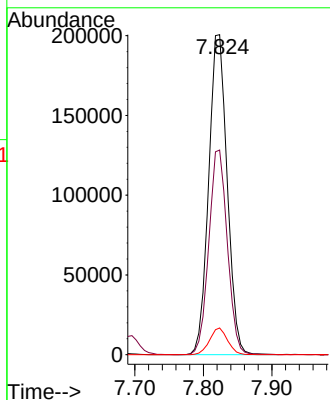
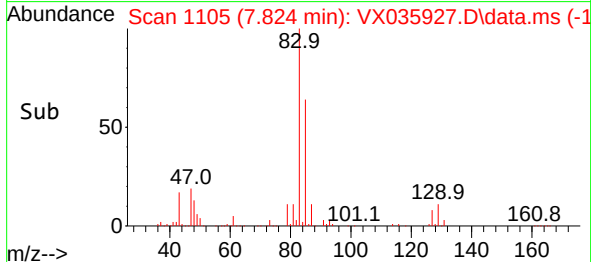
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 376430
Ion Ratio Lower Upper
83 100
85 63.9 51.3 76.9
127 8.4 6.6 10.0

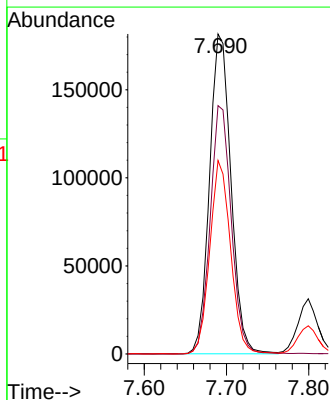
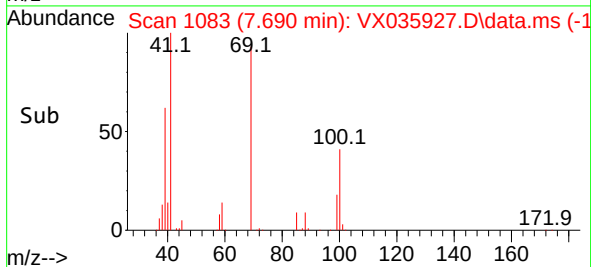
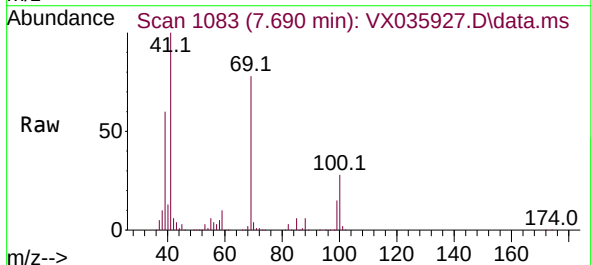
Manual Integrations
APPROVED

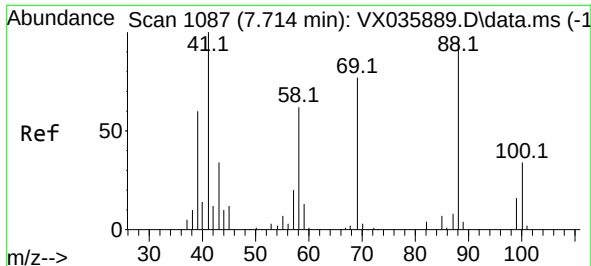
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#48
Methyl methacrylate
Concen: 96.929 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 41 Resp: 328719
Ion Ratio Lower Upper
41 100
69 76.5 59.0 88.6
39 58.8 48.4 72.6





#49

1,4-Dioxane

Concen: 1861.894 ug/l

RT: 7.732 min Scan# 1087

Delta R.T. 0.019 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 134750

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0

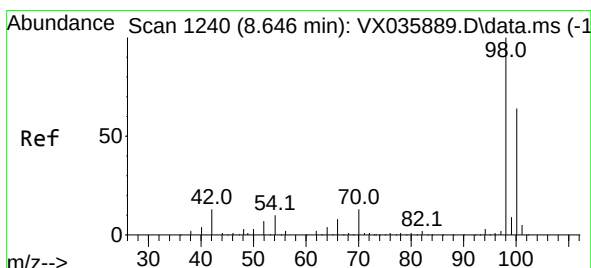
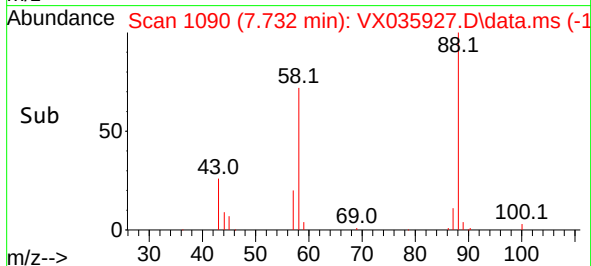
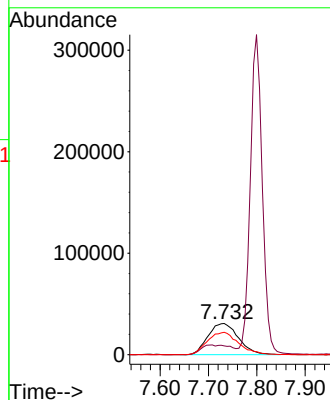
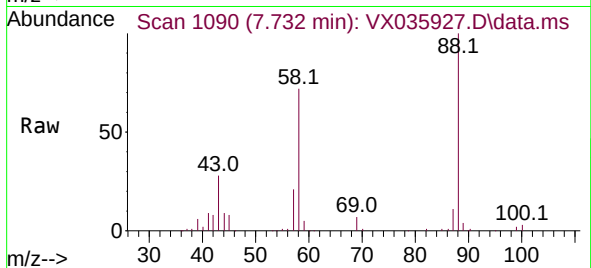
58 73.6 58.9 88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#50

Toluene-d8

Concen: 94.016 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035927.D

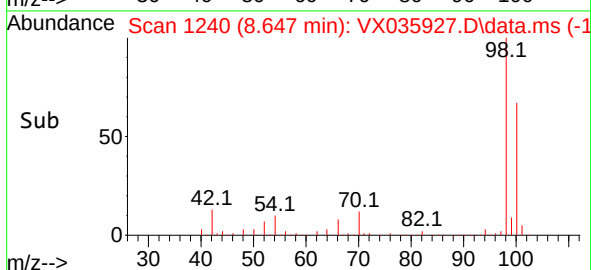
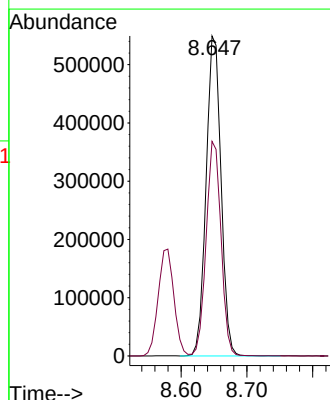
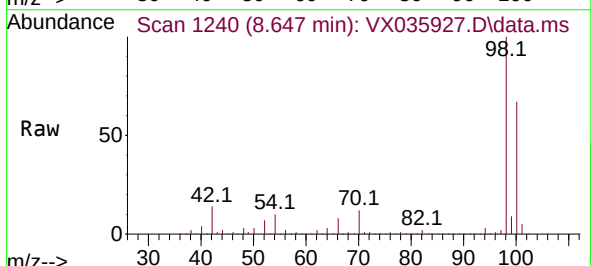
Acq: 31 May 2023 11:36

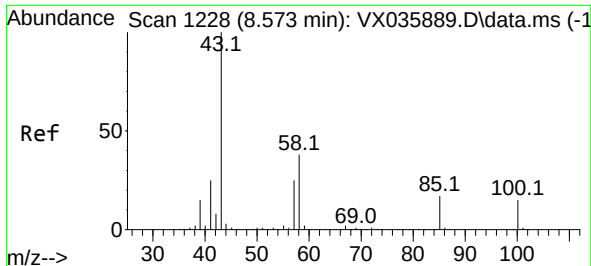
Tgt Ion: 98 Resp: 865411

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 468.573 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 1927078

Ion Ratio Lower Upper

43 100

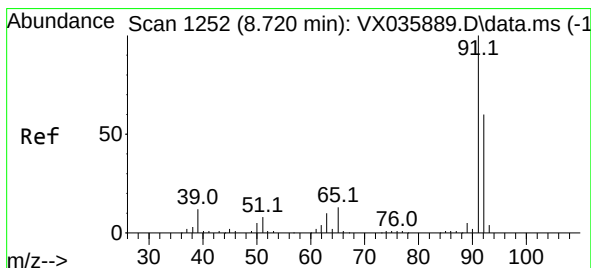
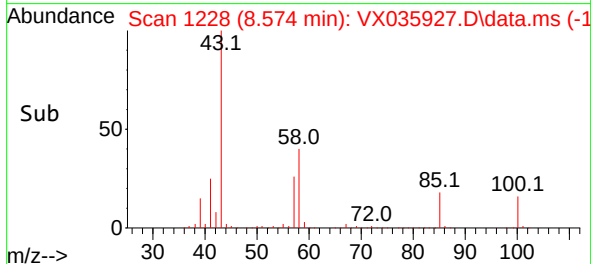
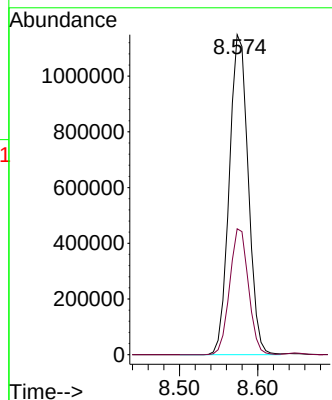
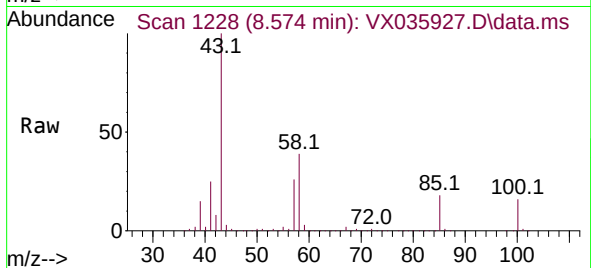
58 39.0 30.1 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#52

Toluene

Concen: 93.639 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035927.D

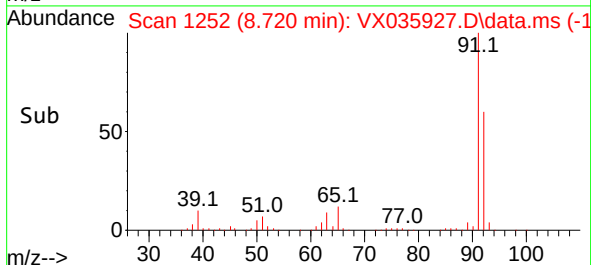
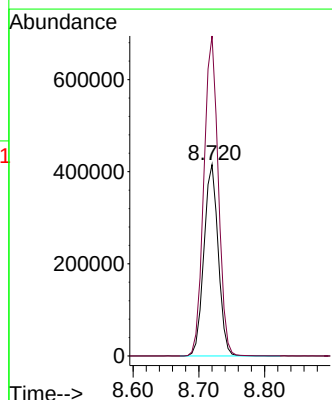
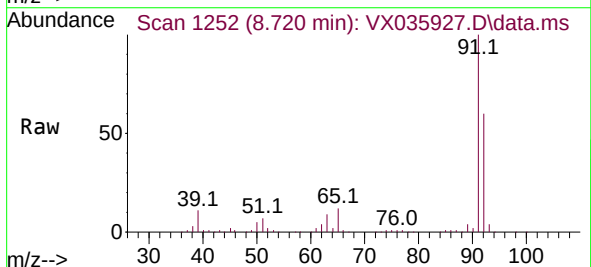
Acq: 31 May 2023 11:36

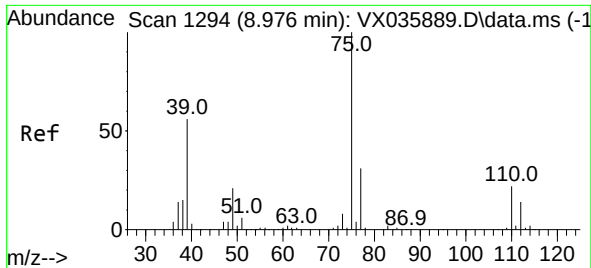
Tgt Ion: 92 Resp: 627347

Ion Ratio Lower Upper

92 100

91 168.6 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 112.385 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 417838

Ion Ratio Lower Upper

75 100

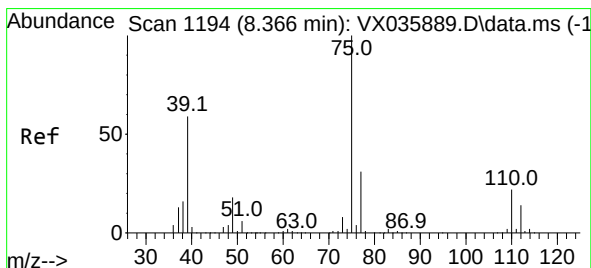
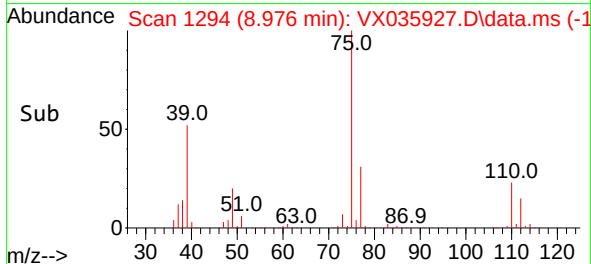
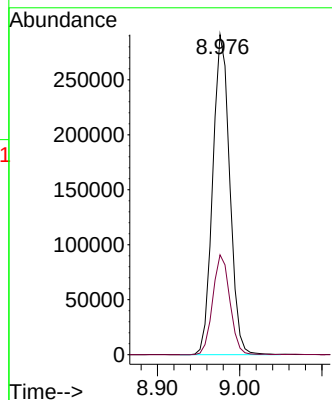
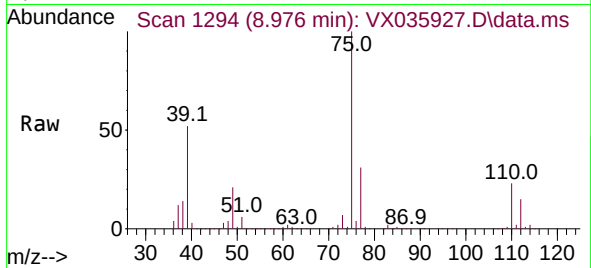
77 31.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#54

cis-1,3-Dichloropropene

Concen: 109.220 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

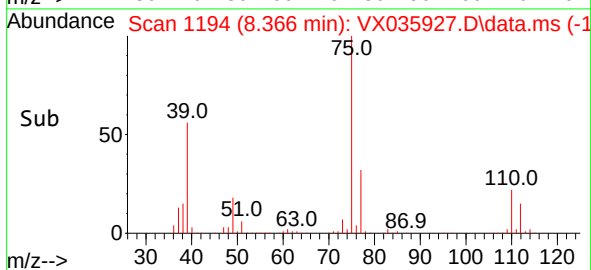
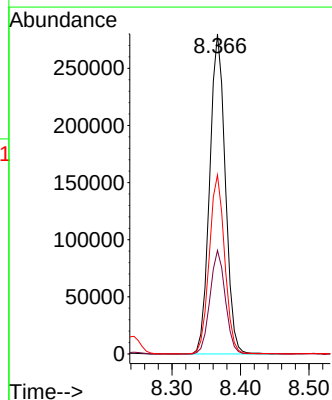
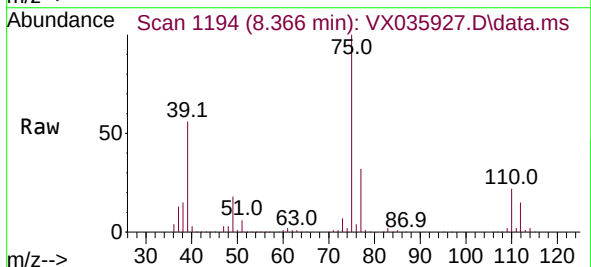
Tgt Ion: 75 Resp: 443230

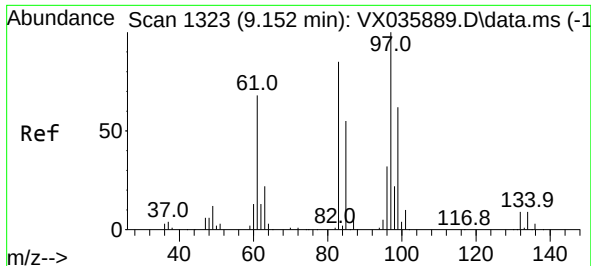
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

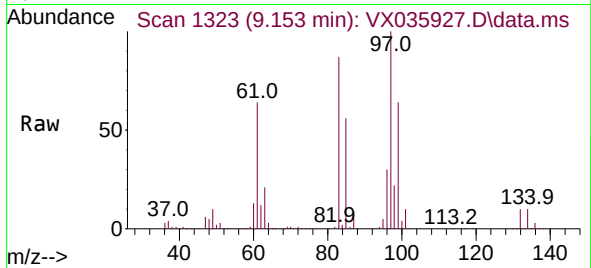
39 55.9 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 97.758 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

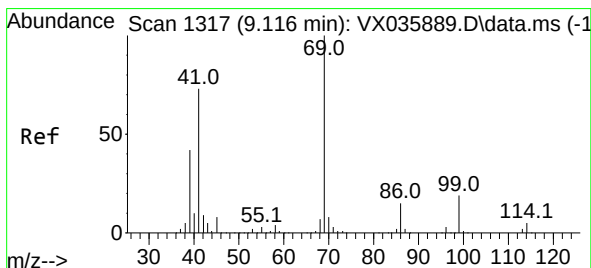
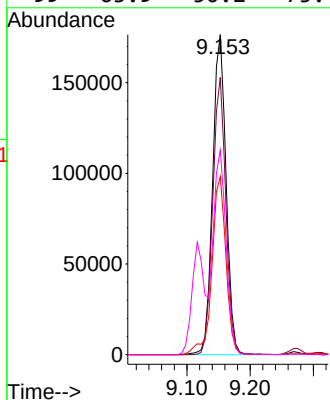
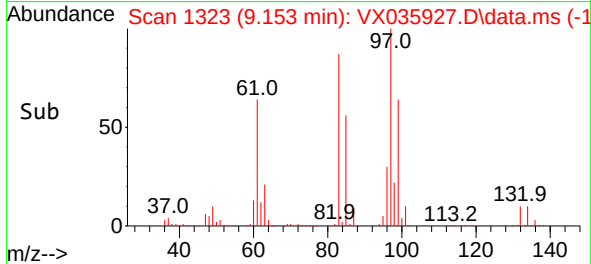
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



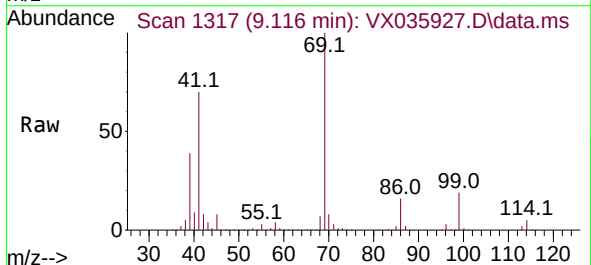
Tgt Ion:	97	Resp:	259644
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.3	102.5
85	55.6	44.2	66.2
99	63.9	50.2	75.4

Manual Integrations
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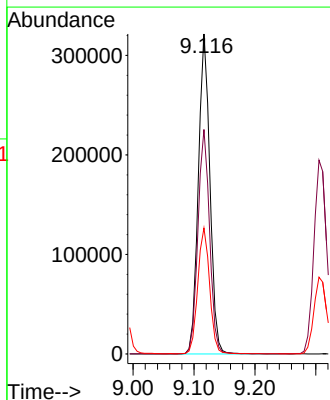
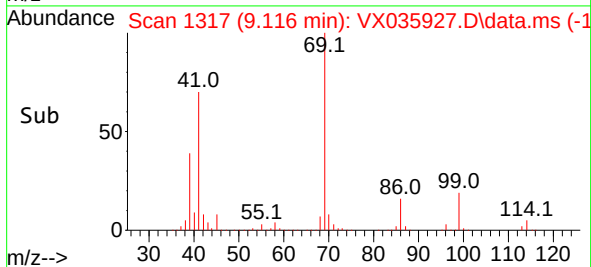
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

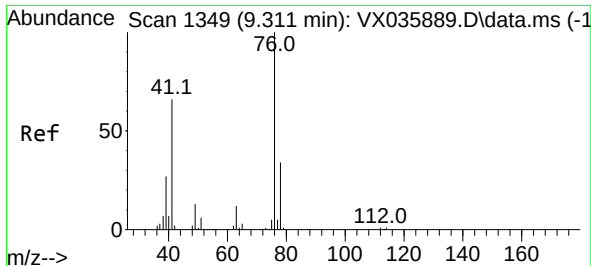


#56
Ethyl methacrylate
Concen: 101.693 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



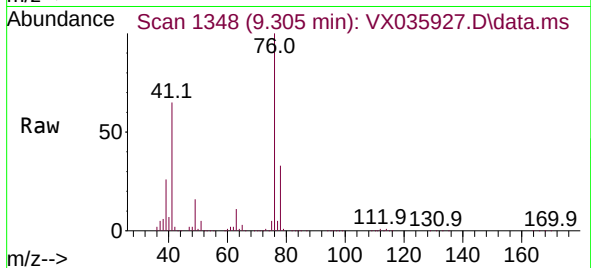
Tgt Ion:	69	Resp:	425269
Ion	Ratio	Lower	Upper
69	100		
41	70.6	58.9	88.3
39	40.3	33.4	50.0





#57
1,3-Dichloropropane
Concen: 93.055 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

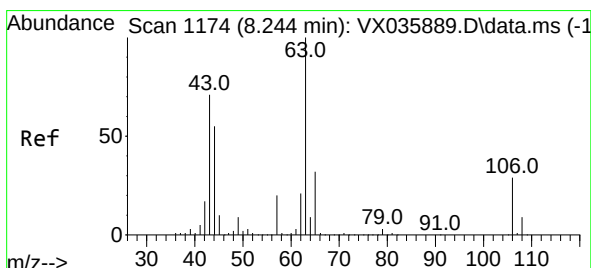
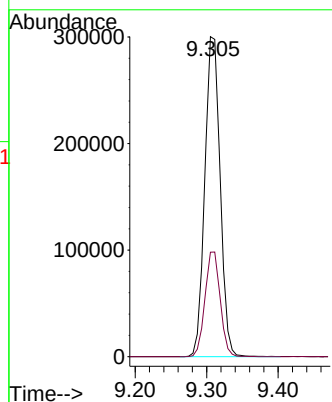
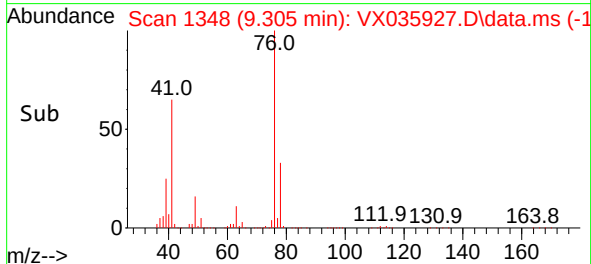
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



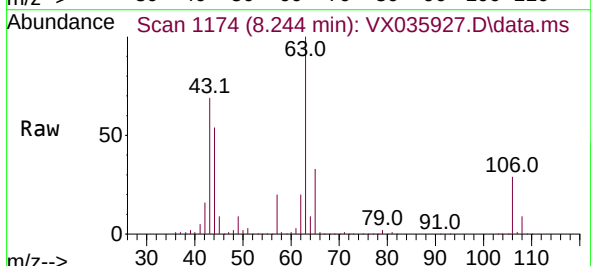
Tgt Ion: 76 Resp: 448318
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

Manual Integrations
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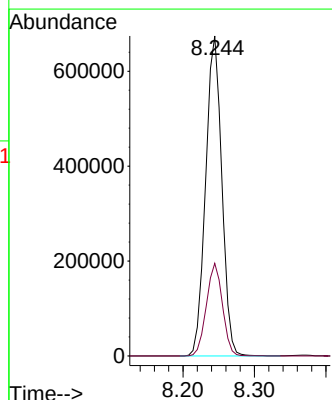
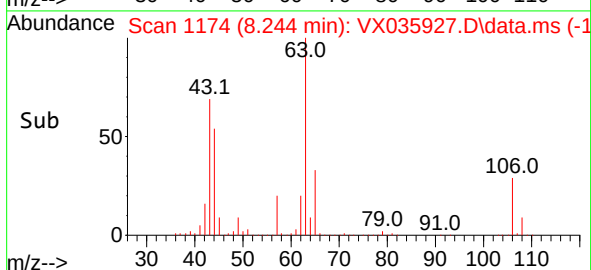
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

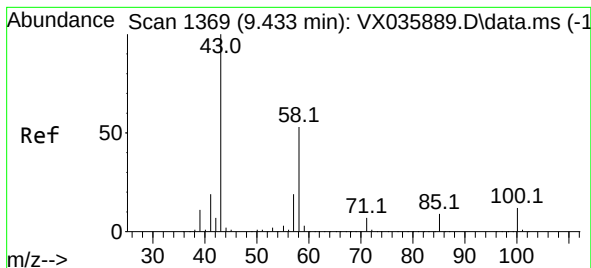


#58
2-Chloroethyl Vinyl ether
Concen: 478.977 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



Tgt Ion: 63 Resp: 1059790
Ion Ratio Lower Upper
63 100
106 28.7 22.3 33.5





#59

2-Hexanone

Concen: 440.872 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 1370450

Ion Ratio Lower Upper

43 100

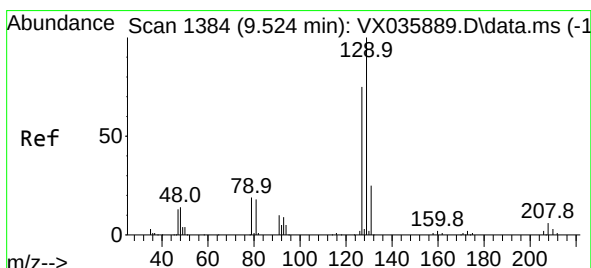
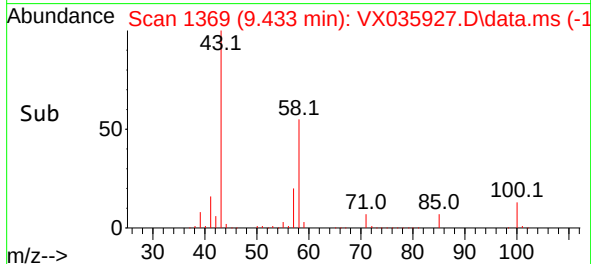
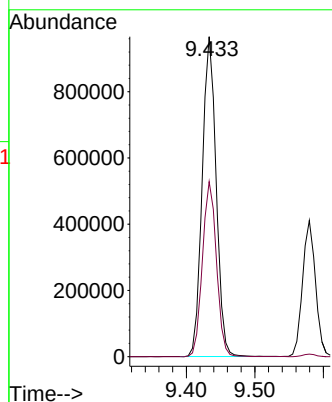
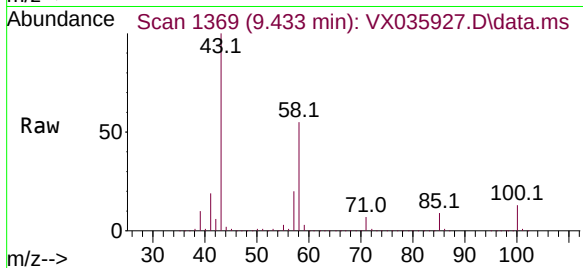
58 55.1 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#60

Dibromochloromethane

Concen: 111.573 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.005 min

Lab File: VX035927.D

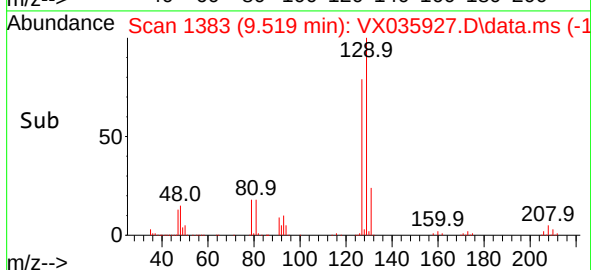
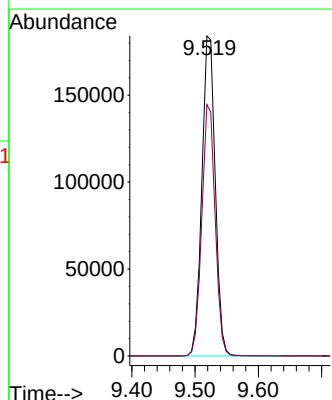
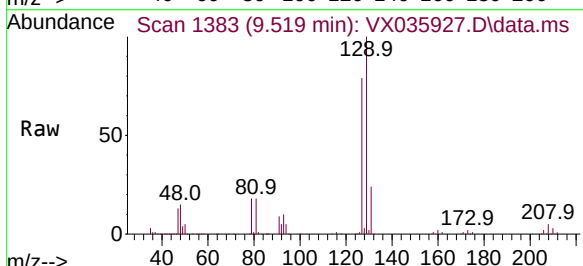
Acq: 31 May 2023 11:36

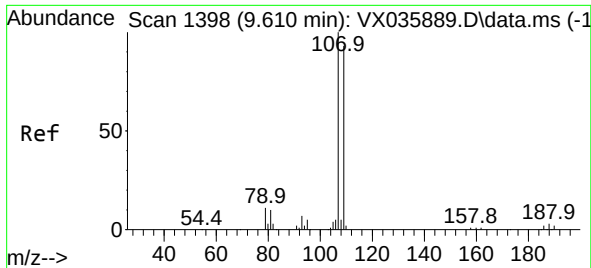
Tgt Ion:129 Resp: 271145

Ion Ratio Lower Upper

129 100

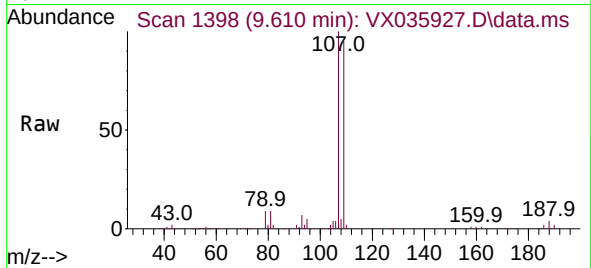
127 78.5 38.4 115.1





#61
1,2-Dibromoethane
Concen: 97.273 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

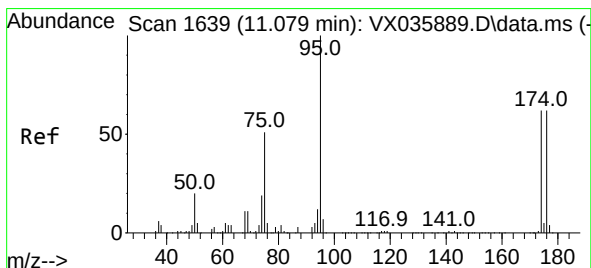
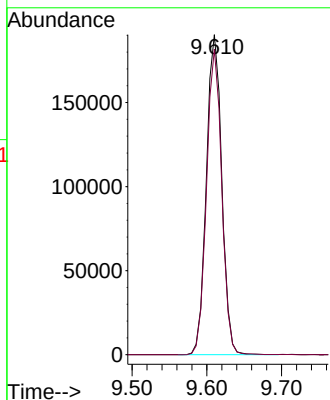
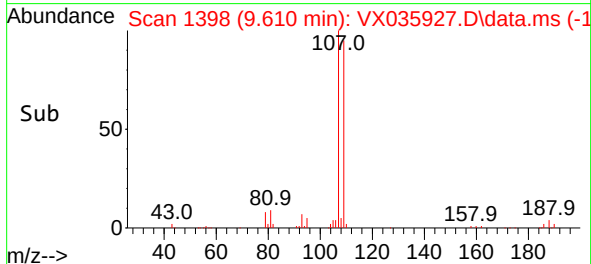
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



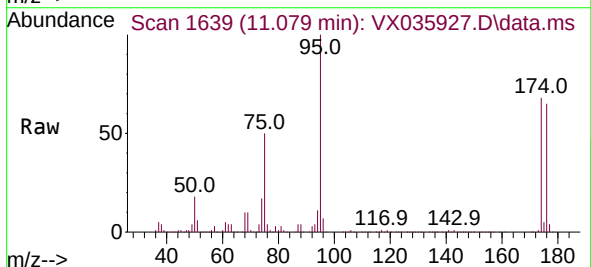
Tgt Ion:107 Resp: 272062
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2

Manual Integrations
APPROVED

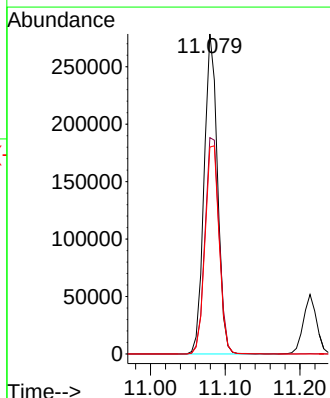
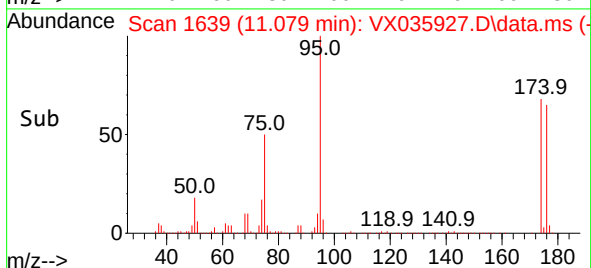
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

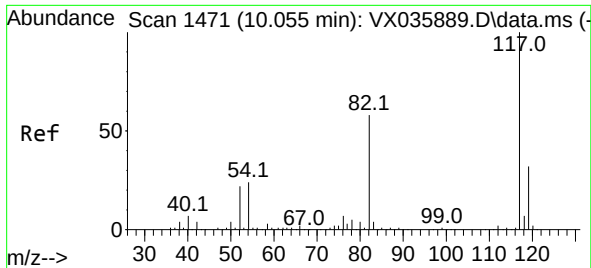


#62
4-Bromofluorobenzene
Concen: 95.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



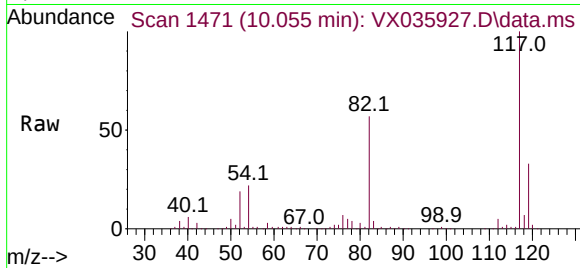
Tgt Ion: 95 Resp: 346803
Ion Ratio Lower Upper
95 100
174 71.6 0.0 132.6
176 68.6 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

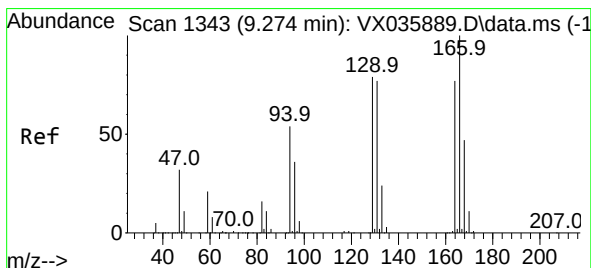
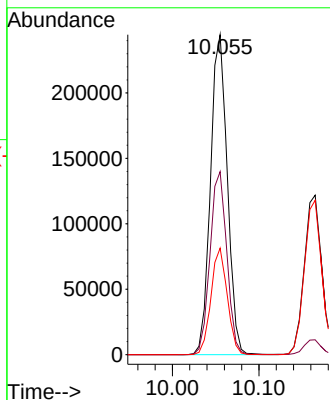
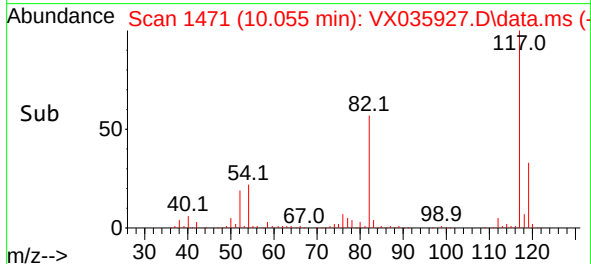
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 329752
Ion Ratio Lower Upper
117 100
82 57.2 46.6 69.8
119 33.3 25.4 38.2

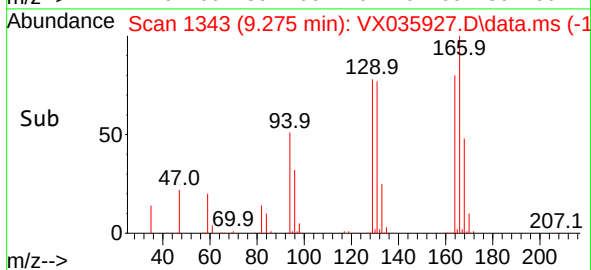
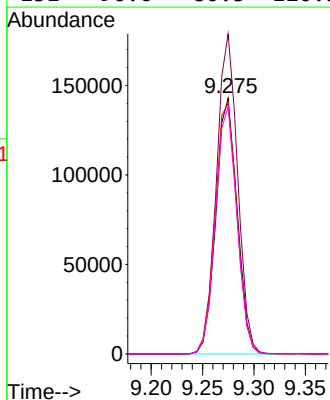
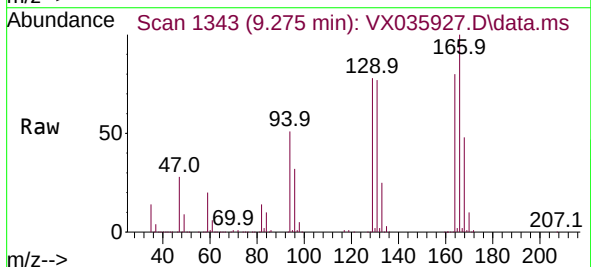
Manual Integrations
APPROVED

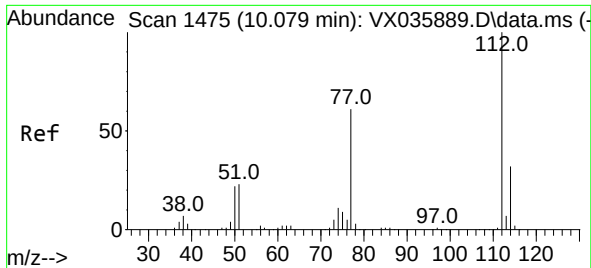
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#64
Tetrachloroethene
Concen: 91.903 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

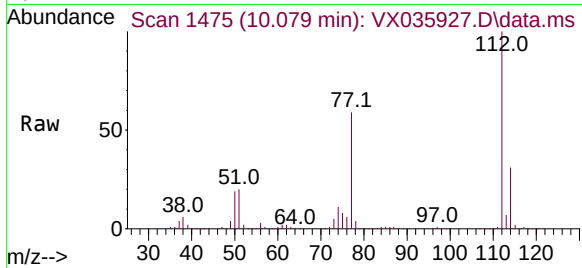
Tgt Ion:164 Resp: 205134
Ion Ratio Lower Upper
164 100
166 125.1 104.4 156.6
129 98.1 82.0 123.0
131 96.6 80.3 120.5





#65
Chlorobenzene
Concen: 95.471 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

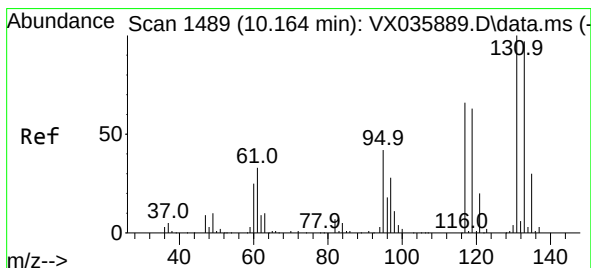
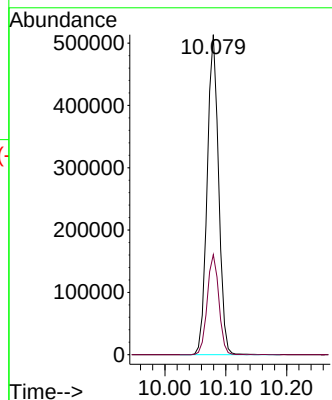
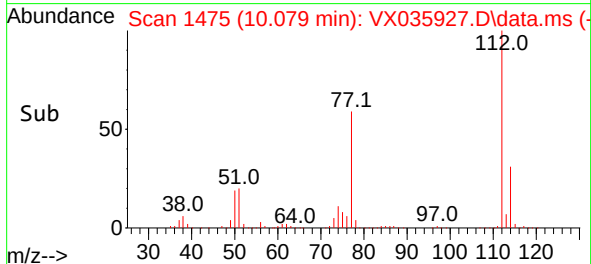
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



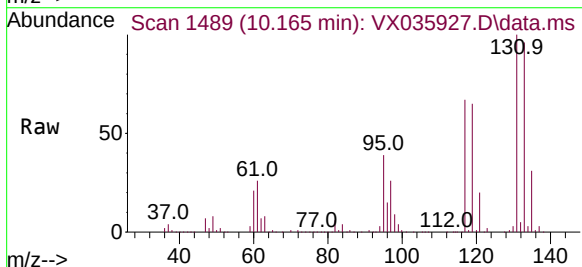
Tgt Ion:112 Resp: 67018
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

Manual Integrations
APPROVED

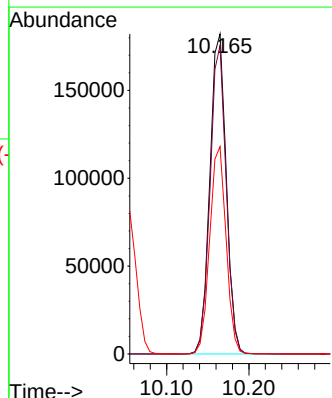
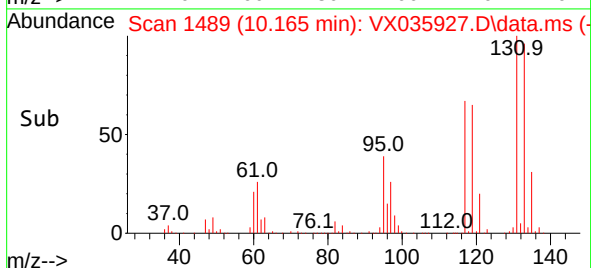
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

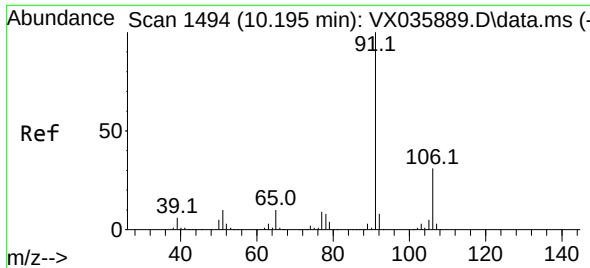


#66
1,1,1,2-Tetrachloroethane
Concen: 104.710 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



Tgt Ion:131 Resp: 252195
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.3
119 64.9 32.1 96.5





#67

Ethyl Benzene

Concen: 91.165 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1187409

Ion Ratio Lower Upper

91 100

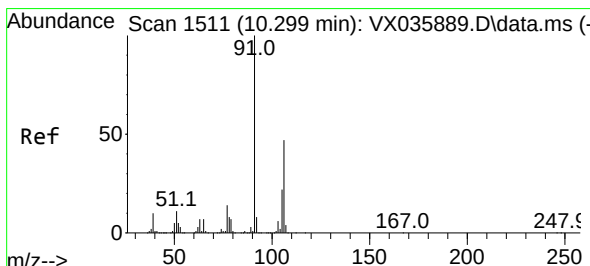
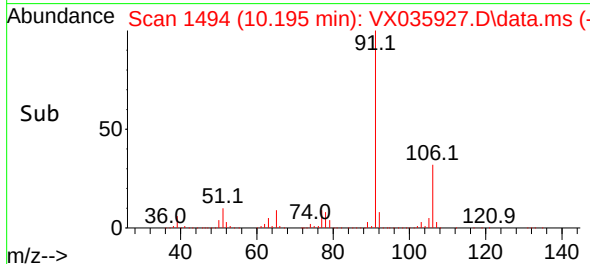
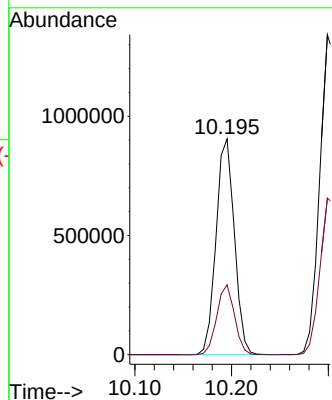
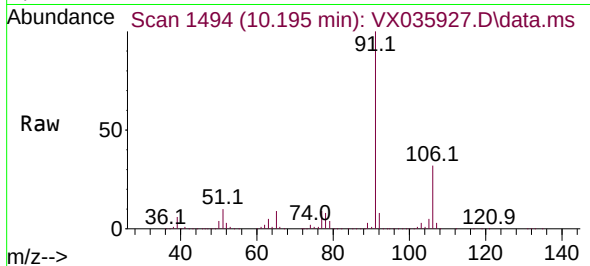
106 32.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#68

m/p-Xylenes

Concen: 189.071 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035927.D

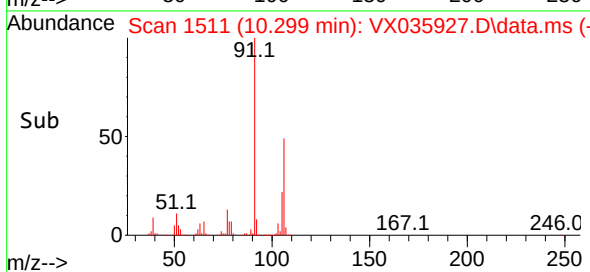
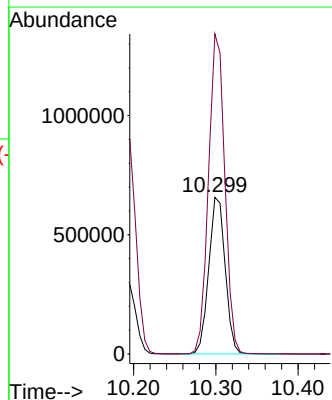
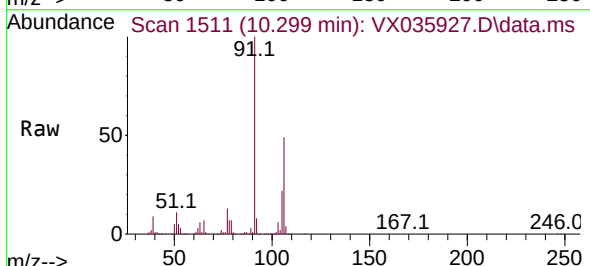
Acq: 31 May 2023 11:36

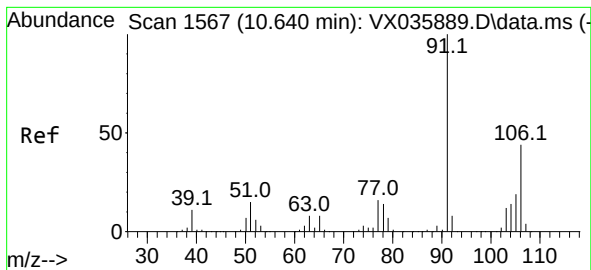
Tgt Ion:106 Resp: 911118

Ion Ratio Lower Upper

106 100

91 202.9 169.8 254.8





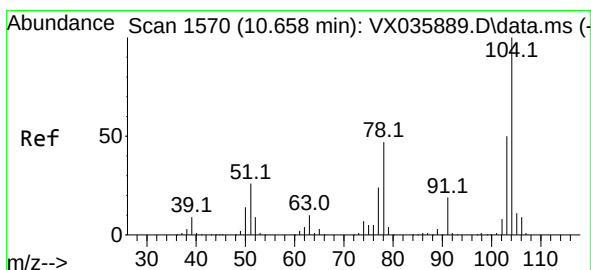
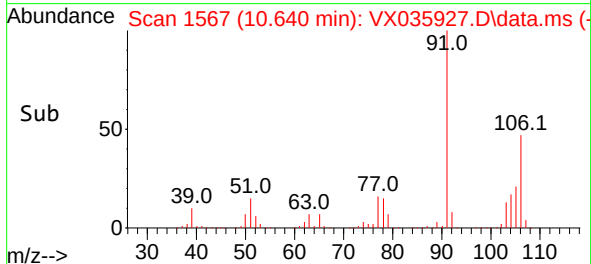
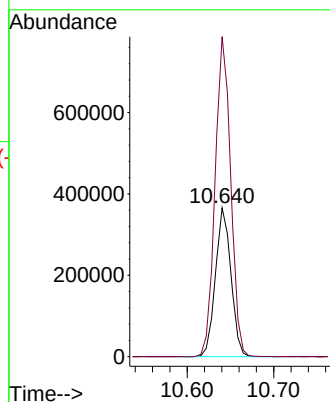
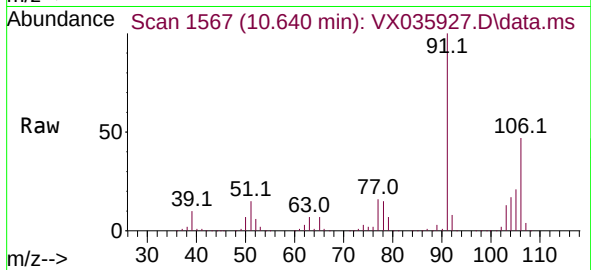
#69
o-Xylene
Concen: 94.935 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 45448
Ion Ratio Lower Upper
106 100
91 216.3 112.5 337.4

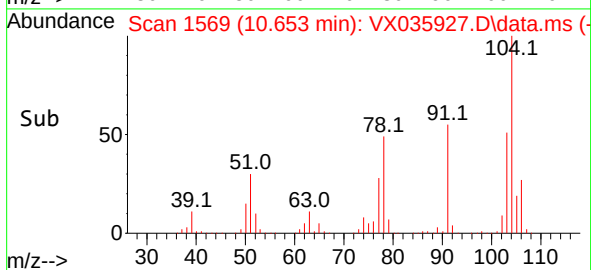
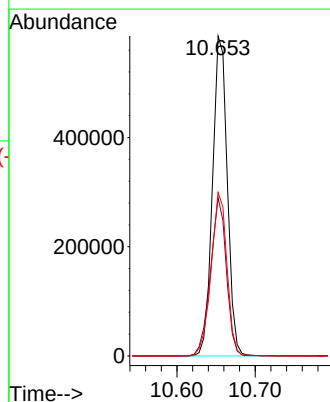
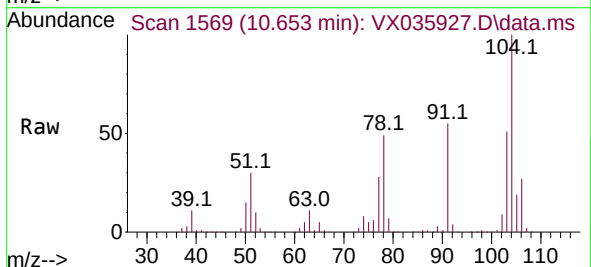
Manual Integrations
APPROVED

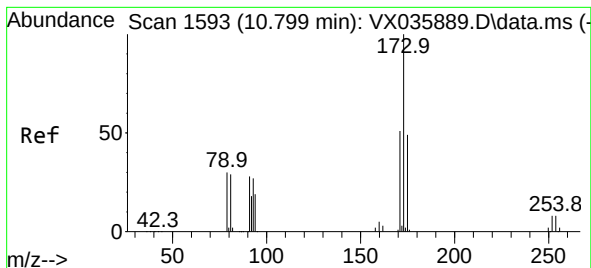
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#70
Styrene
Concen: 97.492 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

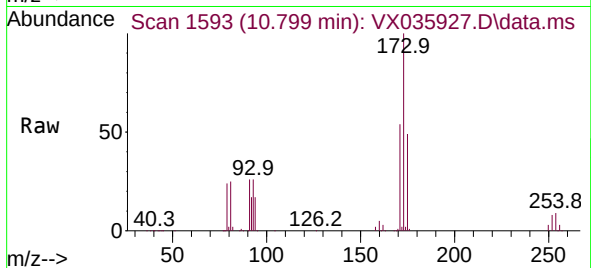
Tgt Ion:104 Resp: 766716
Ion Ratio Lower Upper
104 100
78 53.2 44.7 67.1
103 54.8 44.0 66.0





#71
Bromoform
Concen: 121.593 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

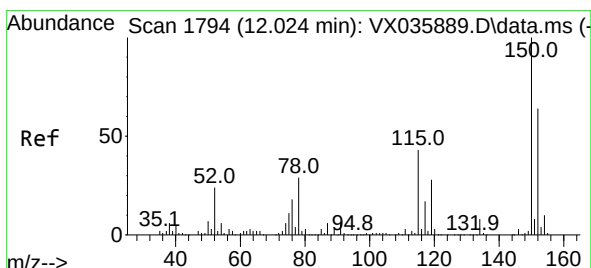
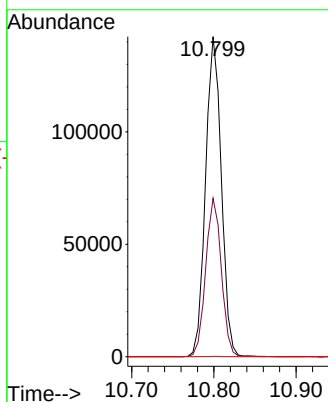
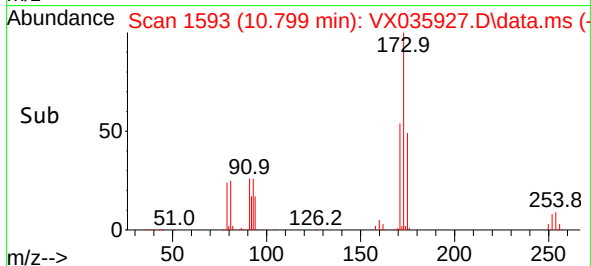
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



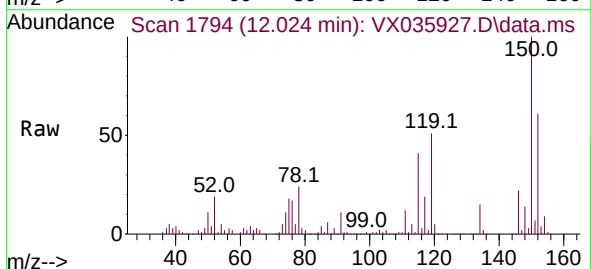
Tgt Ion:173 Resp: 189340
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

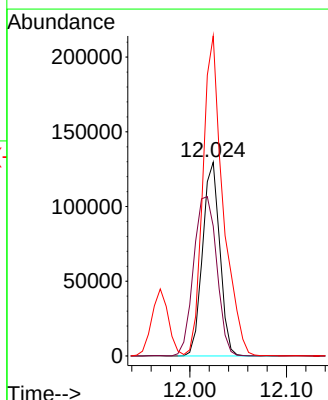
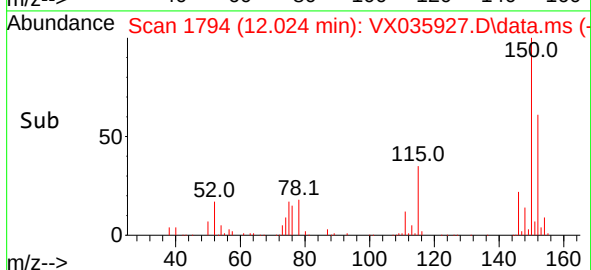
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

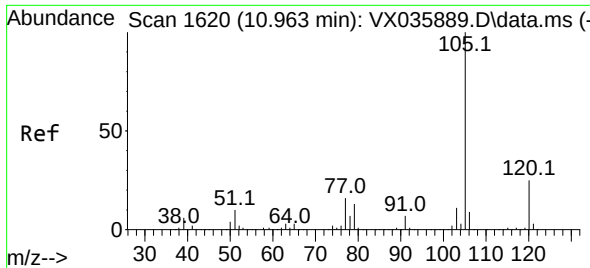


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



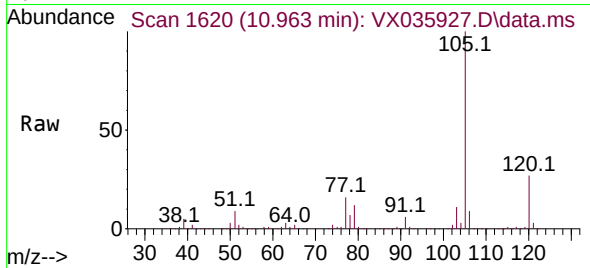
Tgt Ion:152 Resp: 160643
Ion Ratio Lower Upper
152 100
115 110.3 45.5 136.5
150 192.8 0.0 345.2





#73
Isopropylbenzene
Concen: 88.584 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

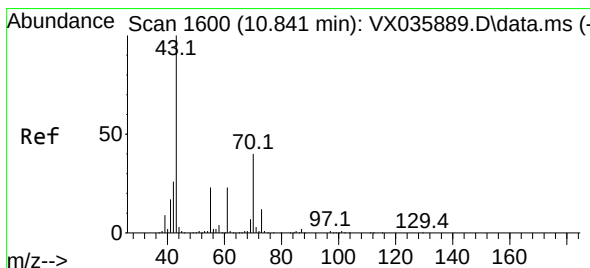
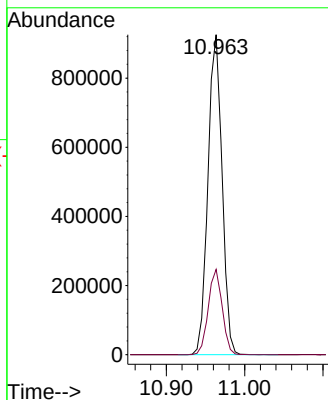
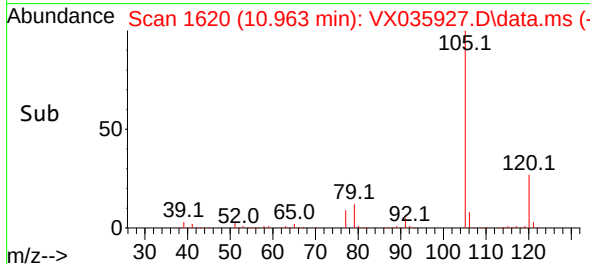
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



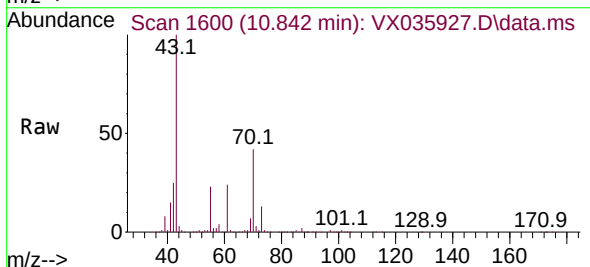
Tgt Ion:105 Resp: 115415
Ion Ratio Lower Upper
105 100
120 26.3 12.7 38.0

Manual Integrations
APPROVED

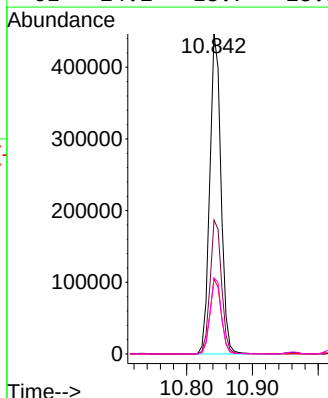
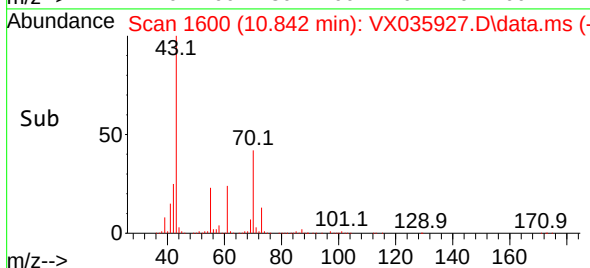
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

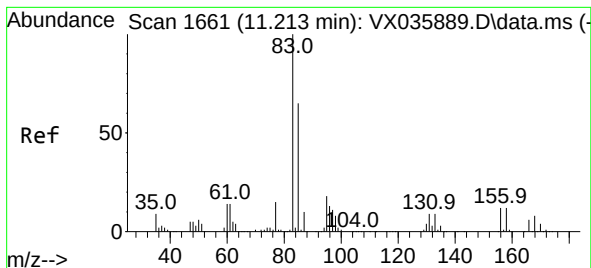


#74
N-ethyl acetate
Concen: 93.524 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



Tgt Ion: 43 Resp: 529968
Ion Ratio Lower Upper
43 100
70 42.8 32.6 48.8
55 23.6 19.0 28.4
61 24.2 18.7 28.1





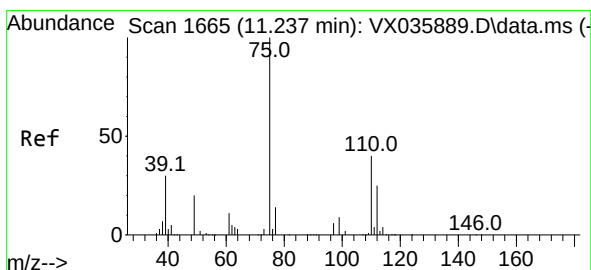
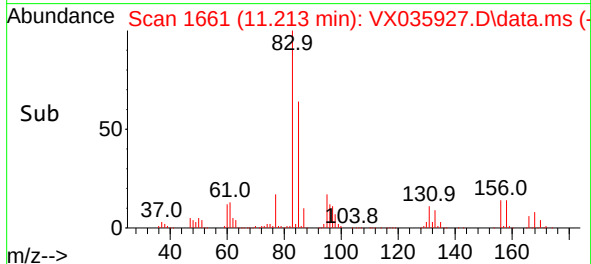
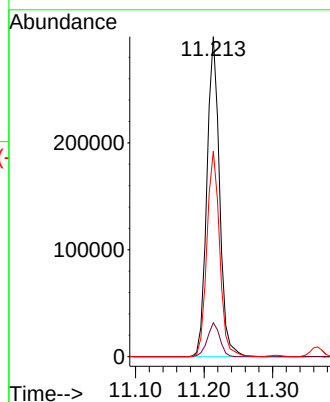
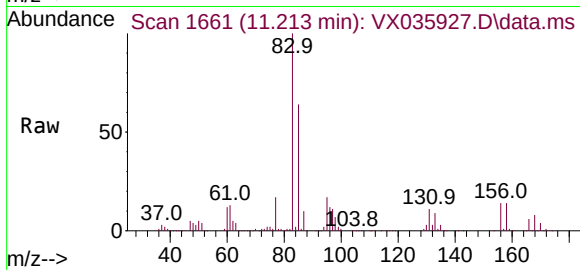
#75
1,1,2,2-Tetrachloroethane
Concen: 89.936 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 38300
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 65.0 32.4 97.0

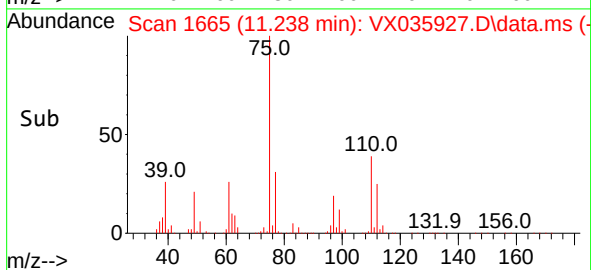
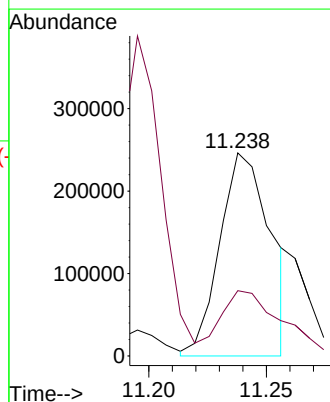
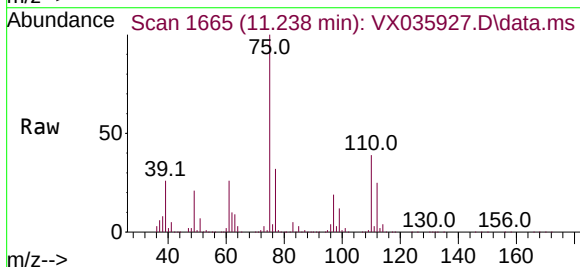
Manual Integrations
APPROVED

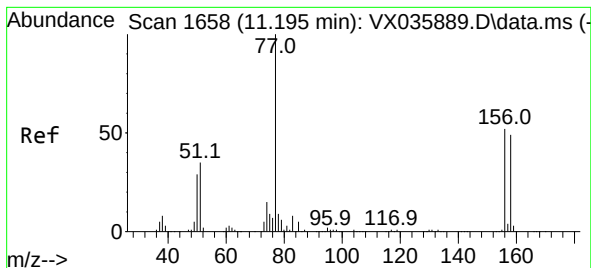
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#76
1,2,3-Trichloropropane
Concen: 92.219 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 75 Resp: 369704
Ion Ratio Lower Upper
75 100
77 39.1 21.4 64.2





#77

Bromobenzene

Concen: 97.231 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 285740

Ion Ratio Lower Upper

156 100

77 170.2 90.8 272.3

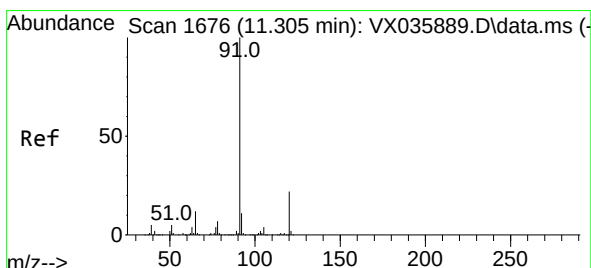
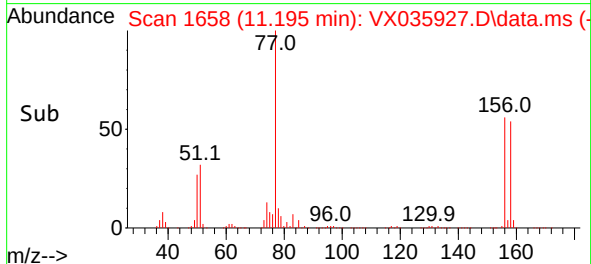
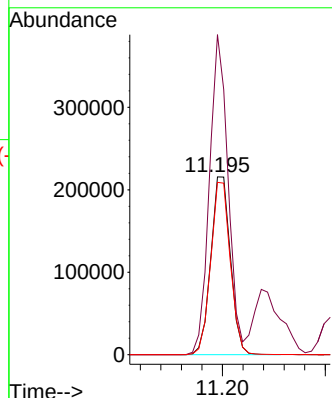
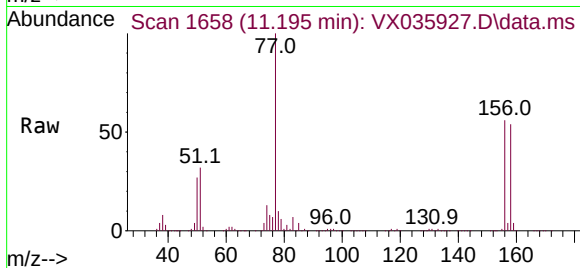
158 96.9 47.4 142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#78

n-propylbenzene

Concen: 87.533 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035927.D

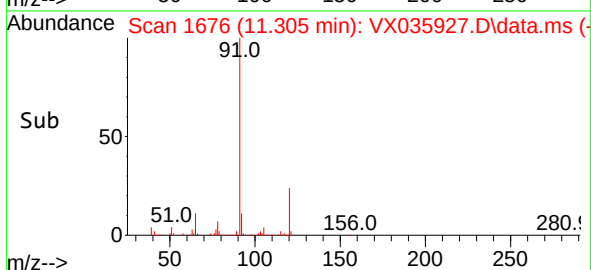
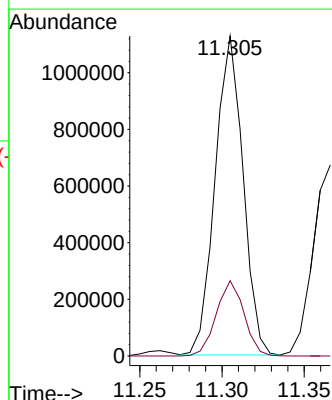
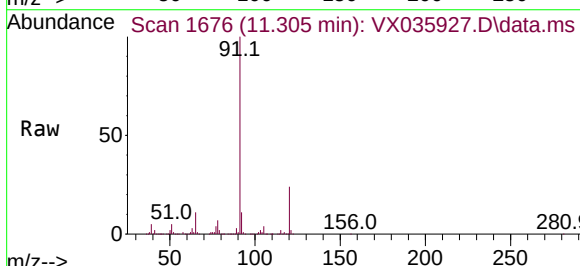
Acq: 31 May 2023 11:36

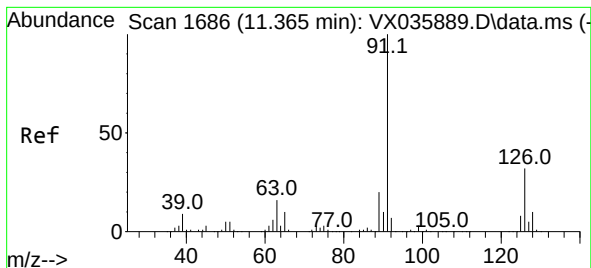
Tgt Ion: 91 Resp: 1329228

Ion Ratio Lower Upper

91 100

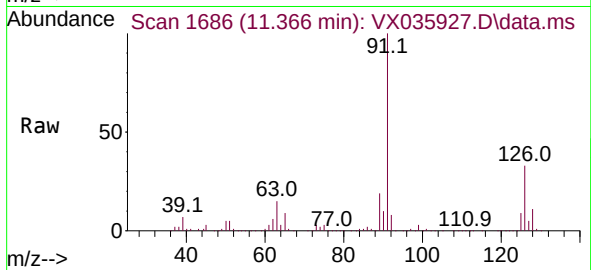
120 23.4 10.9 32.9





#79
2-Chlorotoluene
Concen: 86.973 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

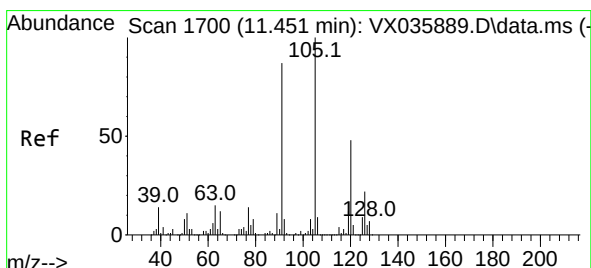
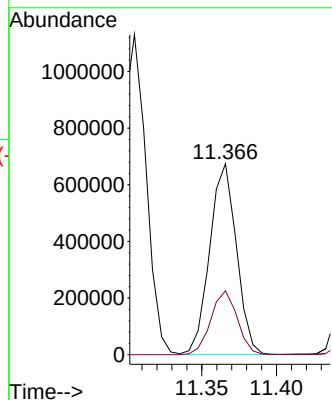
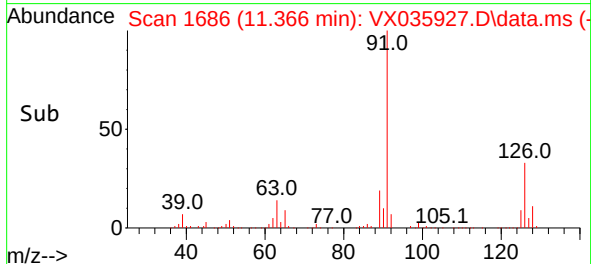
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



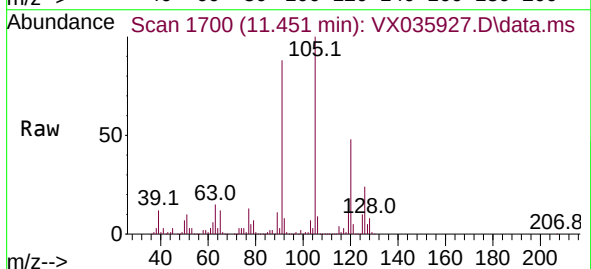
Tgt Ion: 91 Resp: 83727
Ion Ratio Lower Upper
91 100
126 33.1 15.8 47.4

Manual Integrations
APPROVED

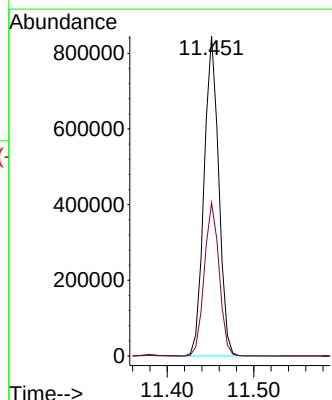
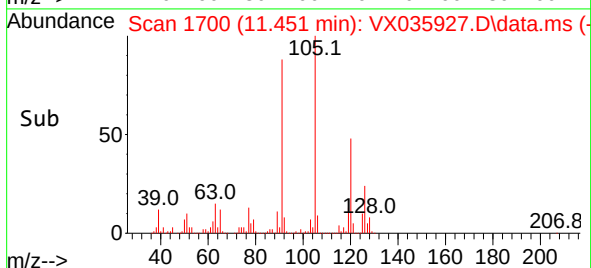
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

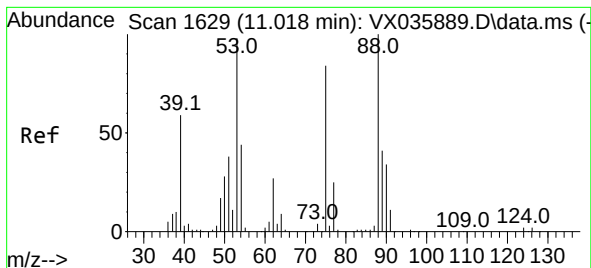


#80
1,3,5-Trimethylbenzene
Concen: 89.256 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



Tgt Ion:105 Resp: 990803
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.4





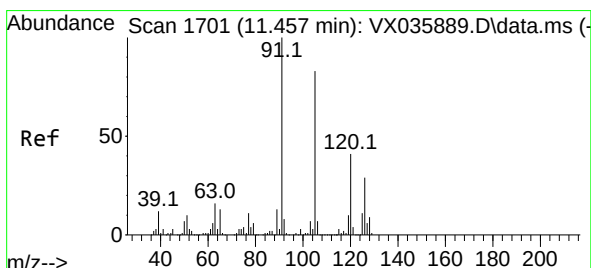
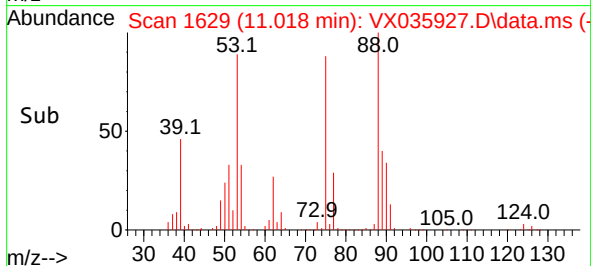
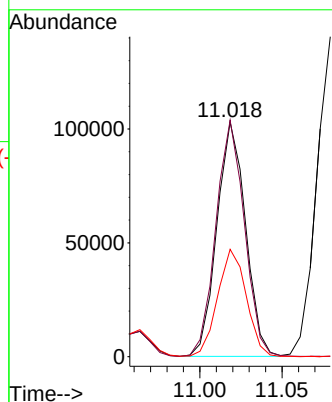
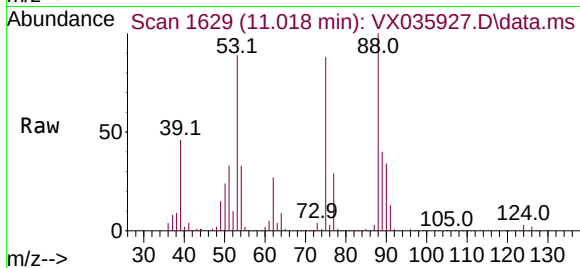
#81
trans-1,4-Dichloro-2-butene
Concen: 113.992 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 124530
Ion Ratio Lower Upper
75 100
53 100.4 95.2 142.8
89 46.1 38.0 57.0

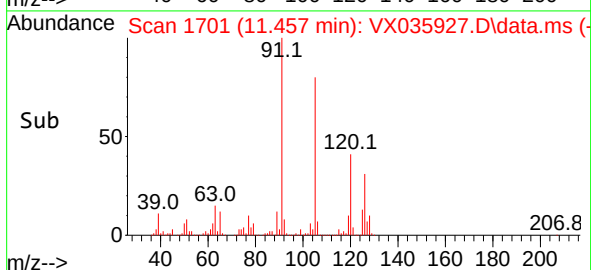
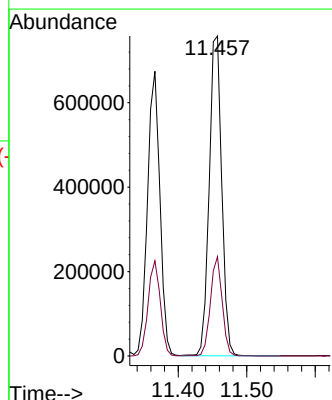
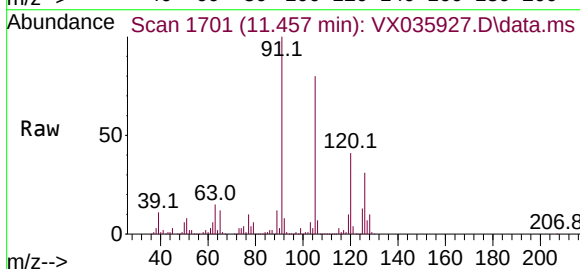
Manual Integrations
APPROVED

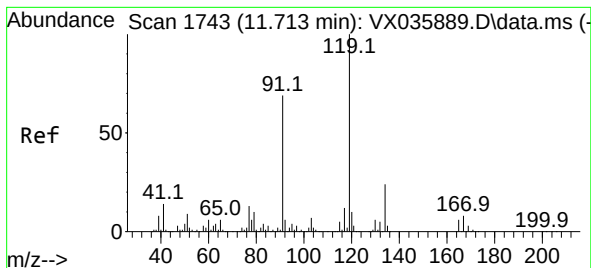
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#82
4-Chlorotoluene
Concen: 88.183 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

Tgt Ion: 91 Resp: 966033
Ion Ratio Lower Upper
91 100
126 29.2 13.7 41.0





#83

tert-Butylbenzene

Concen: 89.590 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 954680

Ion Ratio Lower Upper

119 100

91 60.2 32.4 97.0

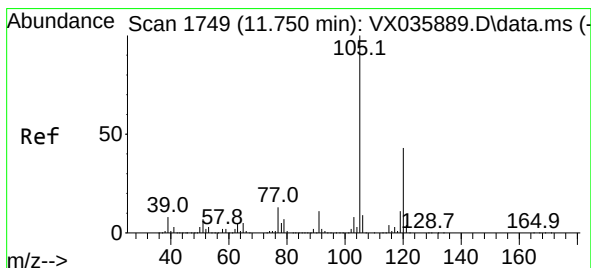
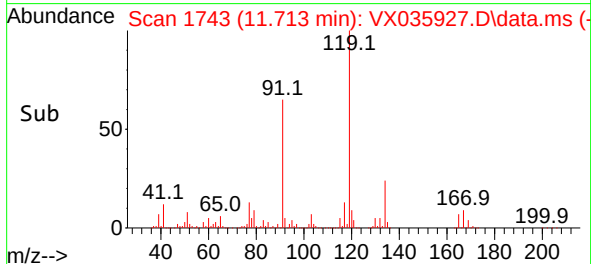
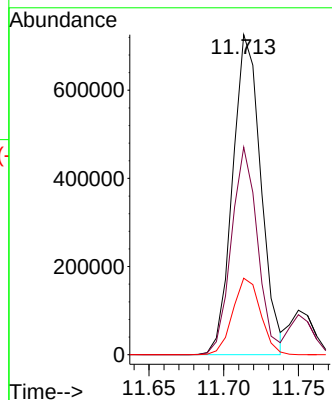
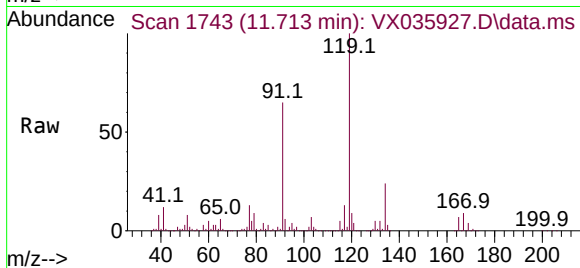
134 23.5 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 90.967 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035927.D

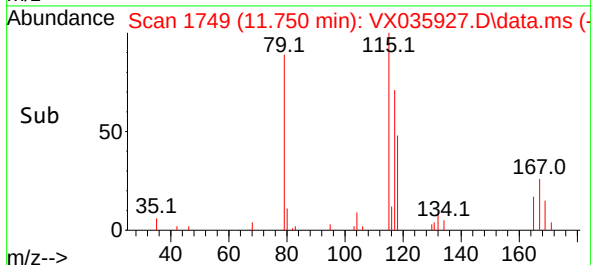
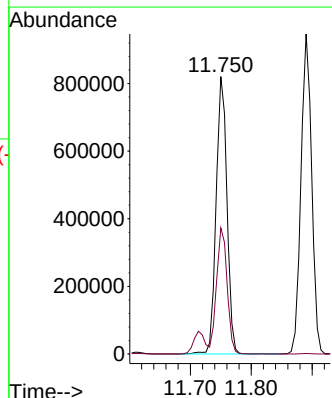
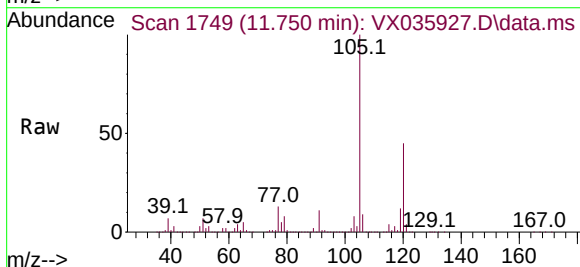
Acq: 31 May 2023 11:36

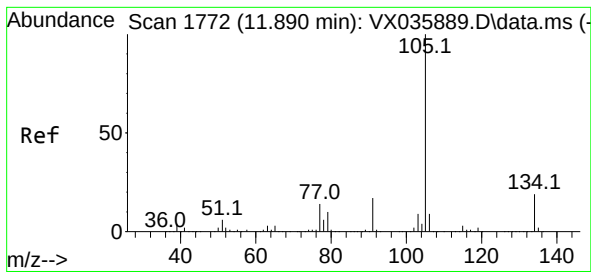
Tgt Ion:105 Resp: 1011248

Ion Ratio Lower Upper

105 100

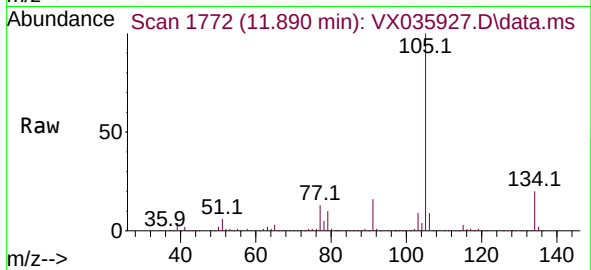
120 44.3 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 86.551 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035927.D
 Acq: 31 May 2023 11:36

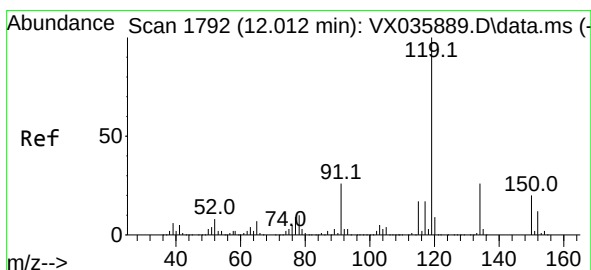
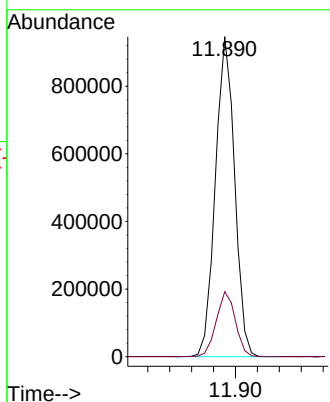
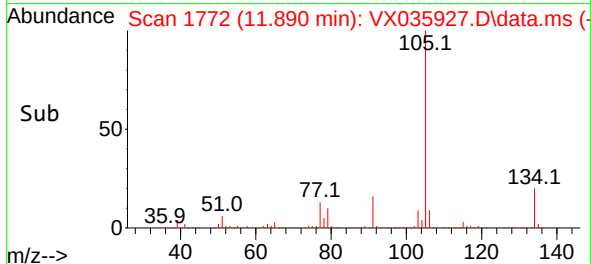
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



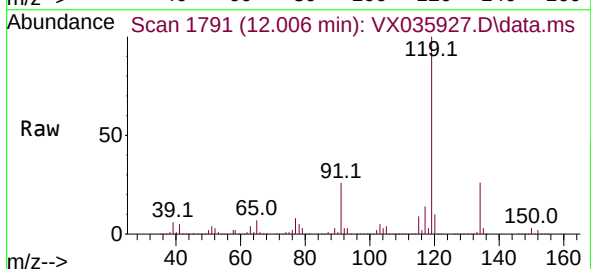
Tgt Ion:105 Resp: 1152600
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 28.9

Manual Integrations
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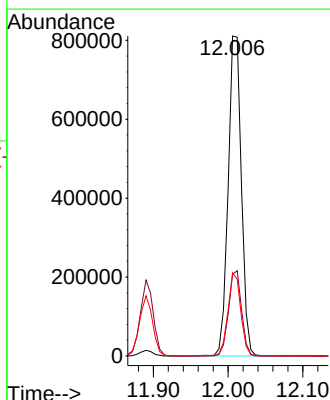
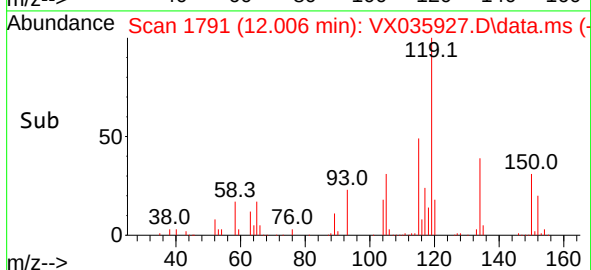
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

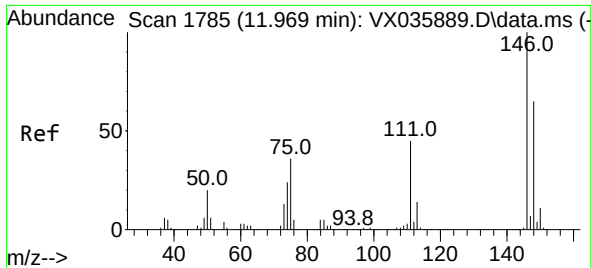


#86
 p-Isopropyltoluene
 Concen: 89.567 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035927.D
 Acq: 31 May 2023 11:36



Tgt Ion:119 Resp: 997351
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.7 38.1
 91 25.2 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 95.632 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 53642

Ion Ratio Lower Upper

146 100

111 43.5 22.6 67.7

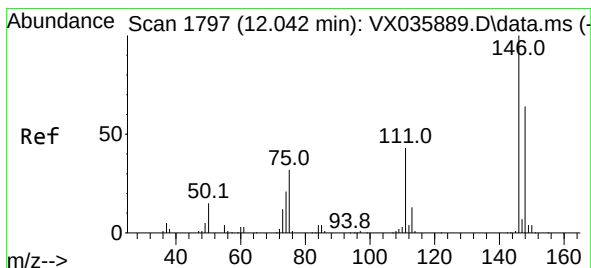
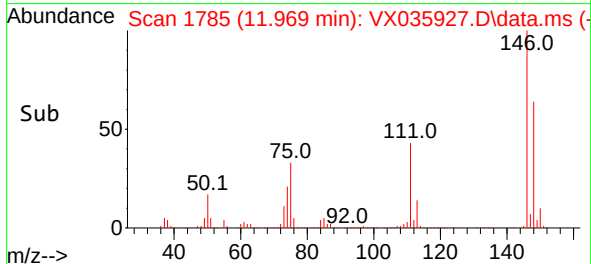
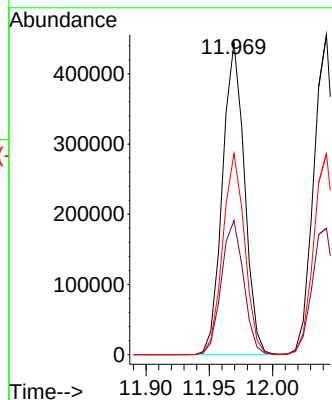
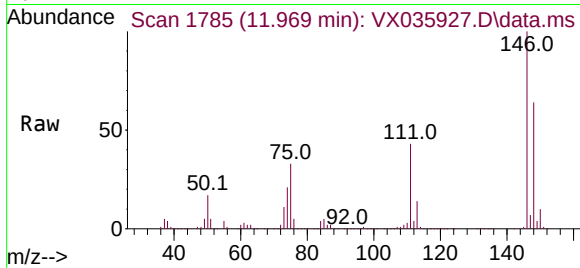
148 64.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#88

1,4-Dichlorobenzene

Concen: 94.490 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

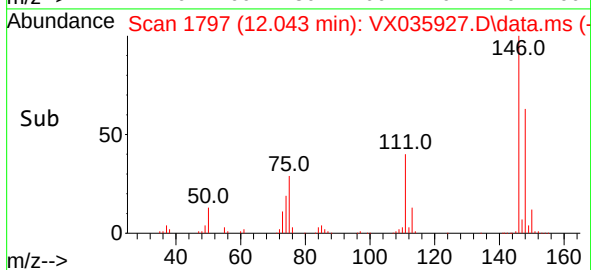
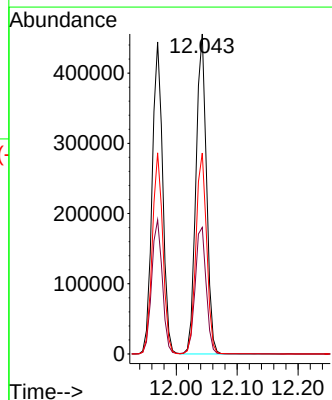
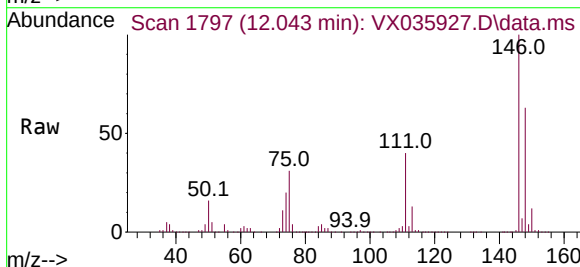
Tgt Ion:146 Resp: 545983

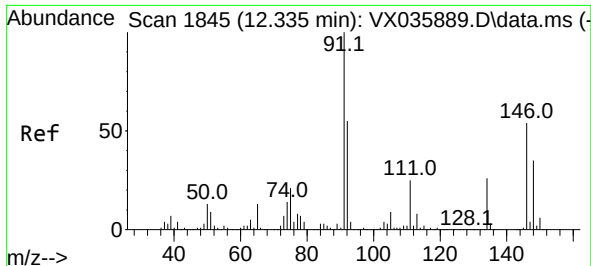
Ion Ratio Lower Upper

146 100

111 41.3 21.8 65.3

148 63.6 31.9 95.7





#89

n-Butylbenzene

Concen: 88.029 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 861594

Ion Ratio Lower Upper

91 100

92 55.0 27.3 81.8

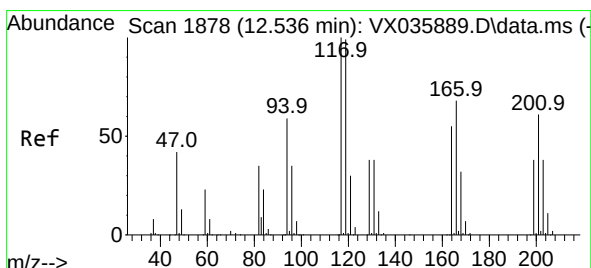
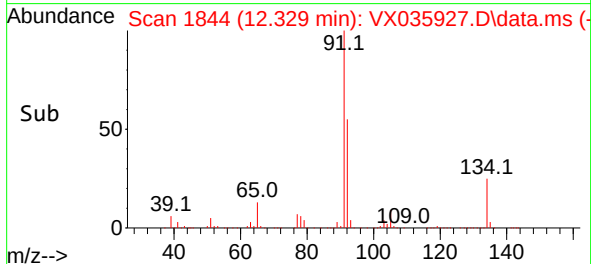
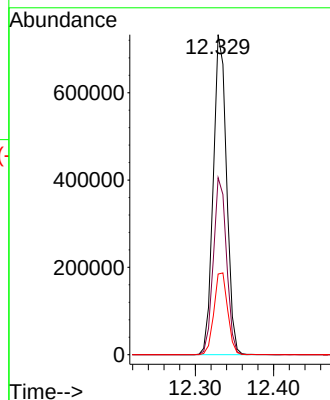
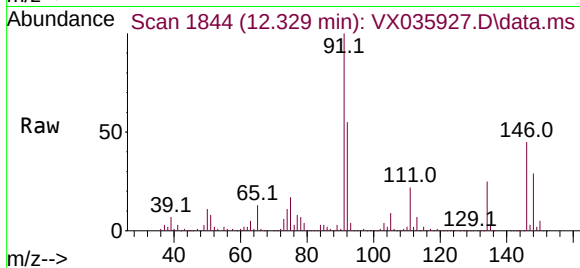
134 26.4 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#90

Hexachloroethane

Concen: 105.627 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035927.D

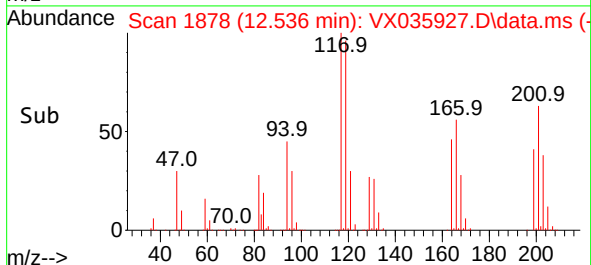
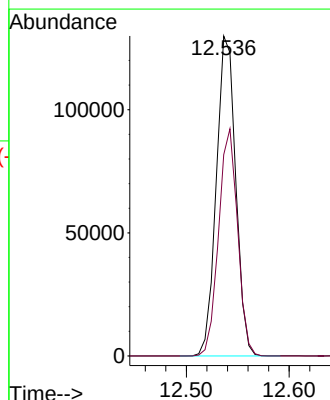
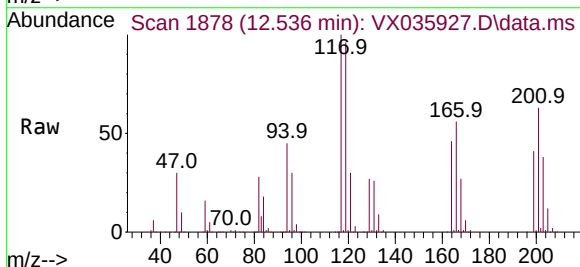
Acq: 31 May 2023 11:36

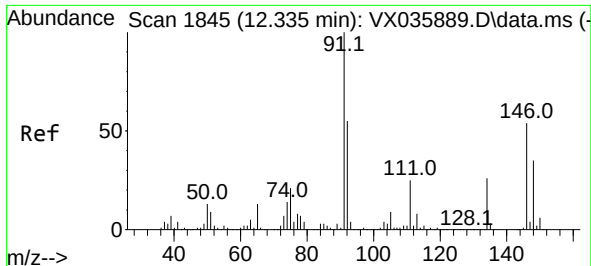
Tgt Ion:117 Resp: 170158

Ion Ratio Lower Upper

117 100

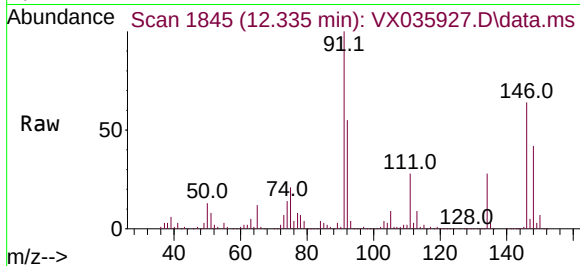
201 69.4 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 94.116 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

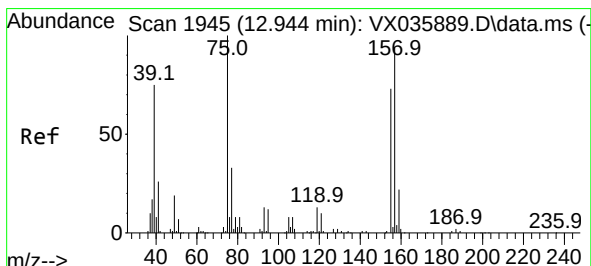
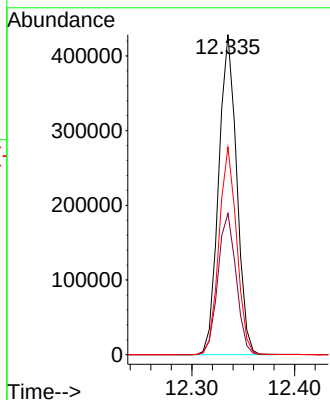
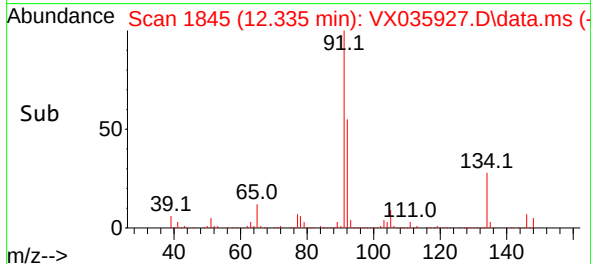
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



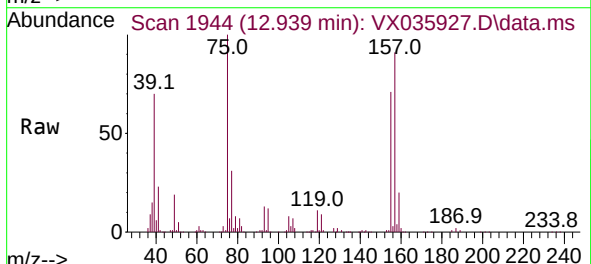
Tgt Ion:146 Resp: 521434
Ion Ratio Lower Upper
146 100
111 44.6 23.3 69.9
148 63.5 31.9 95.7

Manual Integrations
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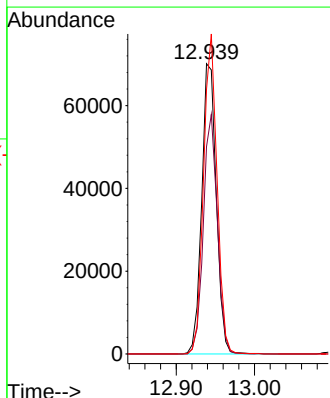
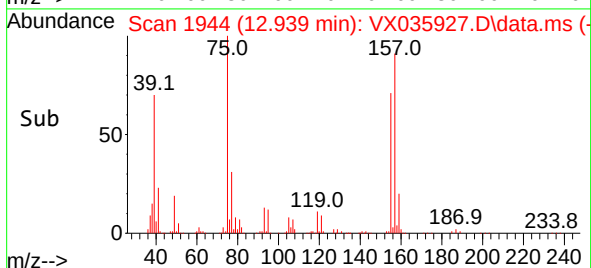
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

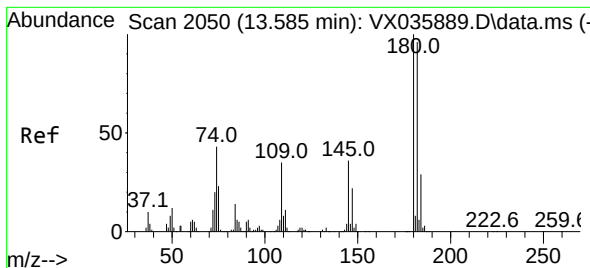


#92
1,2-Dibromo-3-Chloropropane
Concen: 101.602 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



Tgt Ion: 75 Resp: 90545
Ion Ratio Lower Upper
75 100
155 79.0 35.3 105.7
157 102.3 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 97.522 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 31768

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

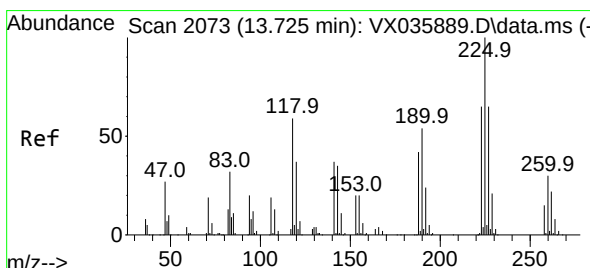
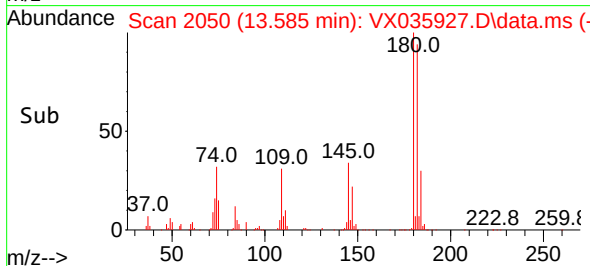
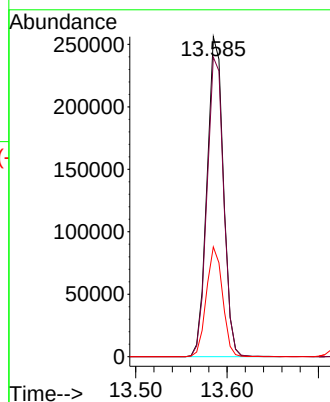
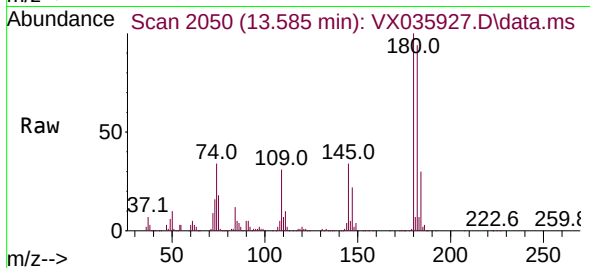
145 33.9 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#94

Hexachlorobutadiene

Concen: 88.271 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035927.D

Acq: 31 May 2023 11:36

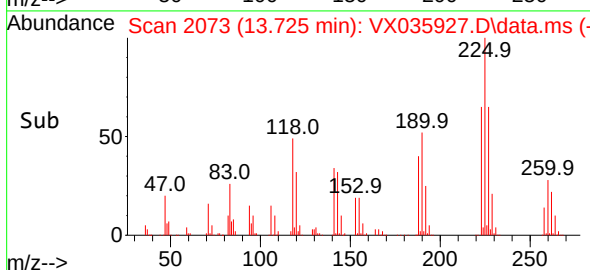
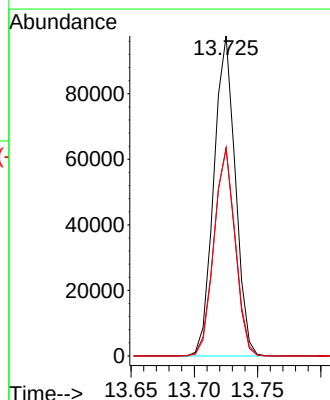
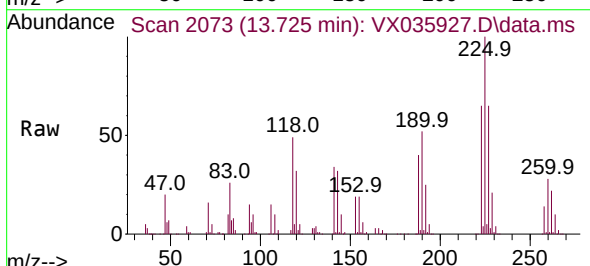
Tgt Ion:225 Resp: 115298

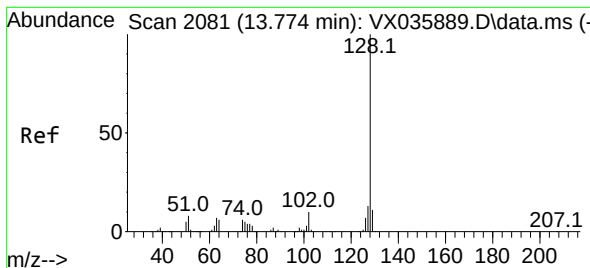
Ion Ratio Lower Upper

225 100

223 63.8 32.6 97.7

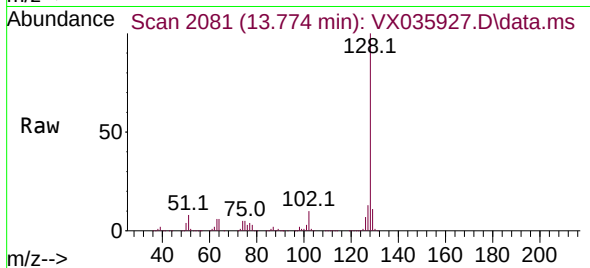
227 64.1 31.9 95.7





#95
Naphthalene
Concen: 99.720 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36

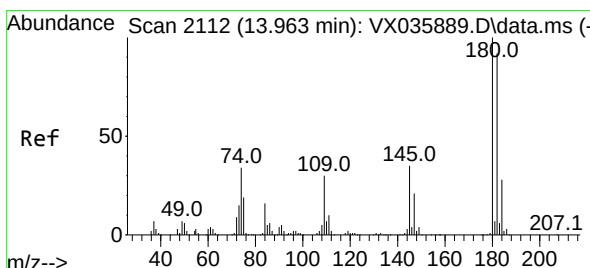
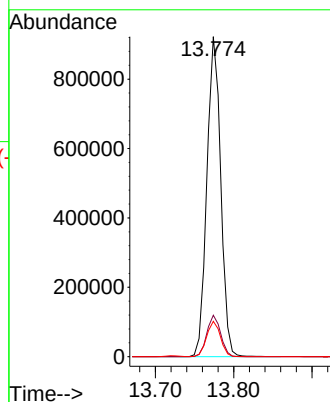
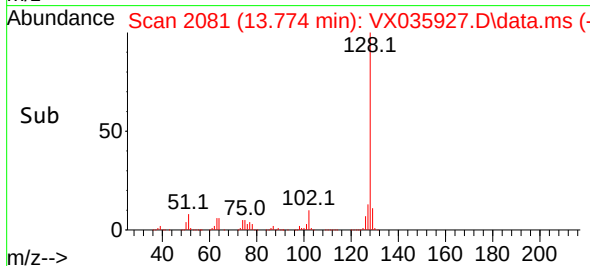
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



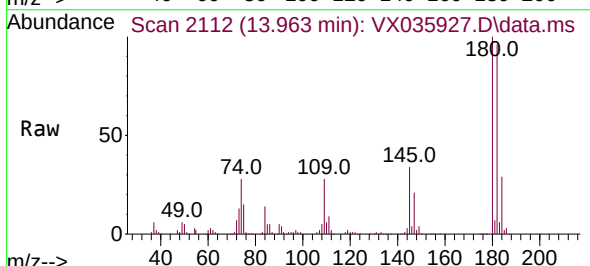
Tgt Ion:128 Resp: 112860
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 96.543 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035927.D
Acq: 31 May 2023 11:36



Tgt Ion:180 Resp: 313408
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.7
145 35.7 18.1 54.3

